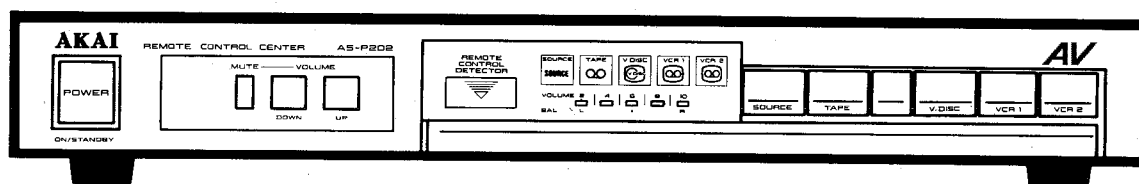
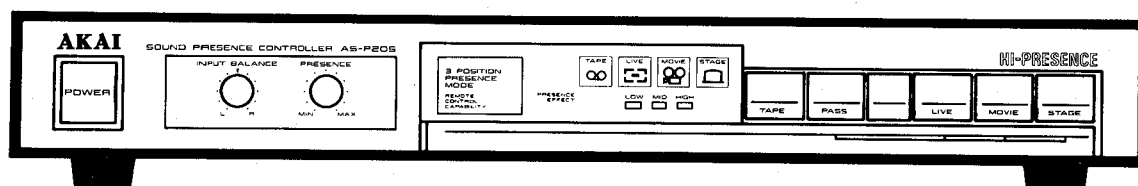


AKAI SERVICE MANUAL



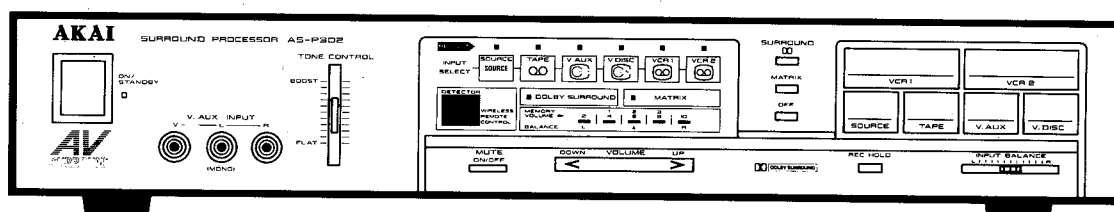
REMOTE CONTROL CENTER

MODEL **AS-P202**



SOUND PRESENCE CONTROLLER

MODEL **AS-P205**



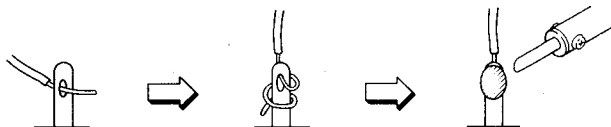
SURROUND PROCESSOR

MODEL **AS-P302**

★SAFETY INSTRUCTIONS

PRECAUTIONS DURING SERVICING

1. Parts identified by the Δ symbol parts are critical for safety. Replace only with parts number specified.
2. In addition to safety, other parts and assemblies are specified for conformance with such regulations as those applying to spurious radiation. These must also be replaced only with specified replacements.
Examples: RF converters, tuner units, antenna selector switches, RF cables, noise blocking capacitors, noise blocking filters, etc.
3. Use specified internal wiring. Note especially:
 - 1) Wires covered with PVC tubing
 - 2) Double insulated wires
 - 3) High voltage leads
4. Use specified insulating materials for hazardous live parts. Note especially:
 - 1) Insulation Tape
 - 2) PVC tubing
 - 3) Spacers (Insulating Barriers)
 - 4) Insulation sheets for transistors
 - 5) Plastic screws for fixing microswitch (especially in turntable)
5. When replacing AC primary side components (transformers, power cords, noise blocking capacitors, etc.), wrap ends of wires securely about the terminals before soldering.



6. Observe that wires do not contact heat producing parts (heatsinks, oxide metal film resistors, fusible resistors, etc.).

7. Check that replaced wires do not contact sharp edged or pointed parts.
8. Also check areas surrounding repaired locations.
9. Use care that foreign objects (screws, solder droplets, etc.) do not remain inside the set.

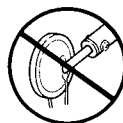
SAFETY CHECK AFTER SERVICING

Confirm the specified insulation resistance between power cord plug prongs and externally exposed parts of the set is greater than 10 M ohms. but for equipment with external antenna terminals (tuner, receiver, etc.) and is intended for [C] or [A], specified insulation resistance should be headphone jacks line-in-out jacks etc. more than 2.2 M ohms (ground terminals, microphone jacks).

PRECAUTION FOR THE LITHIUM BATTERY

The LITHIUM BATTERY employed for memory Back up has a explosive probability when the BATTERY itself is excessive heated.

IN CASE OF REPLACING: RESOLDER and SOLDER AS RECOMMENDED WAY.



(DANGER)



(RECOMMENDED WAY)

★INFORMATION

SYMBOLS FOR PRIMARY DESTINATION

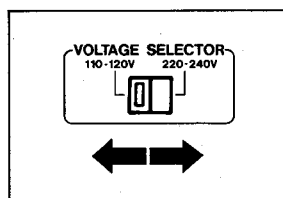
Alphabet indicates the destination of the units as listed below.

Symbols	Principal Destinations
[A]	USA
[B]	UK
[C]	Canada
[E]	Europe (except UK)
[J]	Japan
[S]	Australia
[V]	W. Germany only
[U]	Universal Area
[Y*]	Custom version

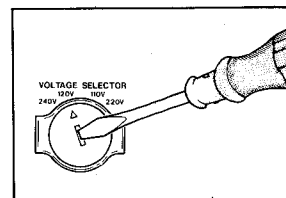
VOLTAGE CONVERSION ([U] Model only)

Before connecting the power cord, move the VOLTAGE SELECTOR located on the Rear panel with a screwdriver so that the correct voltage for your area is indicated.

AS-P202/205 type



AS-P302 type



I. SPECIFICATIONS

1-1. AS-P202/P205

Model	AS-P202	AS-P205
Input sensitivity/Impedance LINE IN TAPE VCR, V.DISC (Audio) VCR, V.DISC (Video)	150 mV/47 kohms 150 mV/47 kohms 150 mV/47 kohms 1Vp-p/75 kohms	150 mV/47 kohms 150 mV/47 kohms
Maximum input level	2.0V	2.0V
Output sensitivity/Impedance LINE OUT TAPE REC VCR (Video) MONITOR OUT (Video)	150 mV/1 kohms 150 mV/1 kohms 1 Vp-p/75 ohms 1 Vp-p/75 ohms	150 mV/1 kohms 150 mV/1 kohms
Power requirements	120V, 60 Hz for USA and Canada 220V, 50 Hz for Europe except UK 240V, 50 Hz for UK and Australia 110 – 120V/220 – 240V, 50 Hz/60 Hz convertible for other countries.	120V, 60 Hz for USA and Canada 220V, 50 Hz for Europe except UK 240V, 50 Hz for UK and Australia 110 – 120V/220 – 240V, 50 Hz/60 Hz convertible for other countries.
Dimensions	440 (W) × 60 (H) × 225 (D) mm (17.3 × 2.4 × 8.9 inches)	440 (W) × 60 (H) × 225 (D) mm (17.3 × 2.4 × 8.9 inches)
Weight	2.2 kg (4.9 lbs)	2.0 kg (4.4 lbs)
Wireless remote control unit	RC-P202	—
System	Infrared ray wireless remote control system	
Power requirements	DC3V (two UM-3, R6 or AA size equivalent type)	

* For improvement purposes, specifications and design are subject to change without notice.

1-2. AS-P302

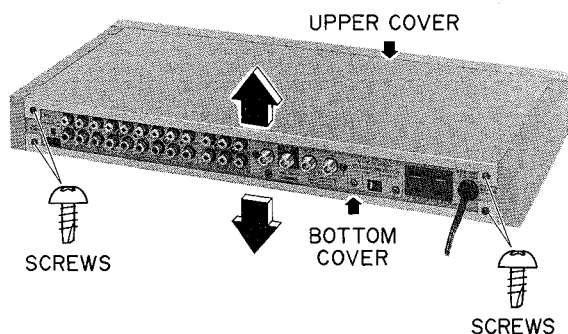
Model	AS-P302
Rated 40 Hz to 20 kHz	25W/0.3%, 8 ohms MATRIX on
By FTC 40 Hz to 20 kHz	25W/0.3%, 8 ohms MATRIX on
Power bandwidth (IHF –3dB, 8 ohms)	30 Hz to 40 kHz/0.5%
S/N (IHF-A)	90 dB
Residual noise (8 ohms)	0.5 mV
Channel separation (IHF 1 kHz)	60 dB
Damping factor (1 kHz, 8 ohms)	20
Required impedance	8 ohms to 16 ohms
Input sensitivity/Impedance SOURCE IN TAPE REC VCR, V.DISC (Audio) VCR, V.DISC (Video)	150 mV/47 kohms 150 mV/47 kohms 150 mV/47 kohms 1 Vp-p/75 ohms
Output sensitivity/Impedance SURROUND OUT TAPE PLAY VCR (Audio) VCR (Video) MONITOR OUT	150 mV/1 kohms 150 mV/1 kohms 150 mV/1 kohms 1 Vp-p/75 ohms 1 Vp-p/75 ohms
Frequency response	10 Hz to 25 kHz –3dB 50 Hz to 6 kHz –3dB, at Dolby surround on
Tone control	+10 dB at 100 Hz
Power requirements	100V, 50/60 Hz for Japan 120V, 60 Hz for USA and Canada 220V, 50 Hz for Europe except UK 240V, 50 Hz for UK and Australia 110/120/220/240V, 50/60 Hz convertible for other countries.
Dimensions	440 (W) × 78 (H) × 260 (D) mm (17.3 × 3.1 × 10.2 inches)
Weight	4.9 kg (10.8 lbs)

* For improvement purposes, specifications and design are subject to change without notice.

II. DISMANTLING OF UNIT

2-1. AS-P202

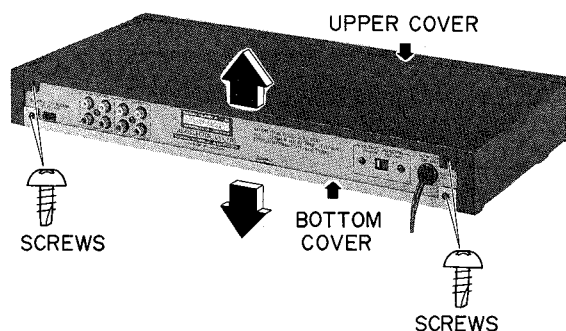
Removal of Upper & Bottom Cover



Remove the four screws

2-2. AS-P205

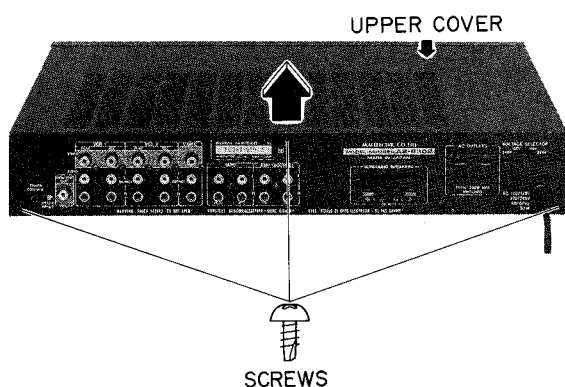
Removal of Upper & Bottom Cover



Remove the four screws

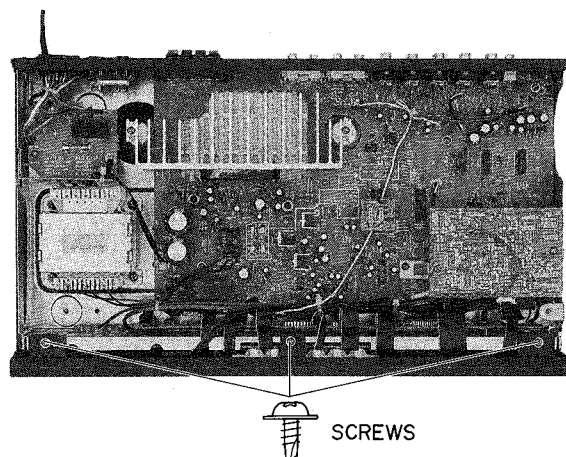
2-3. AS-P302

1 Removal of Upper Cover



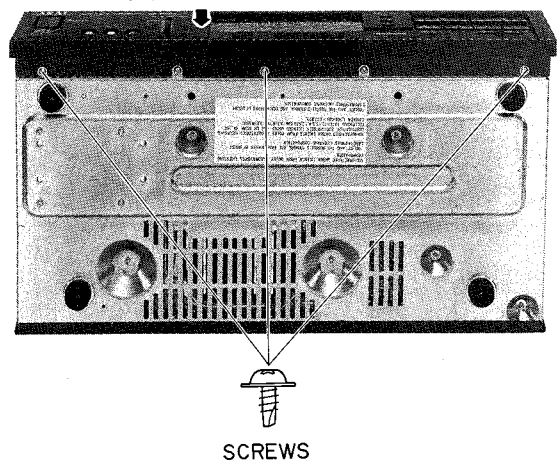
Remove the three screws

3



Remove the three screws

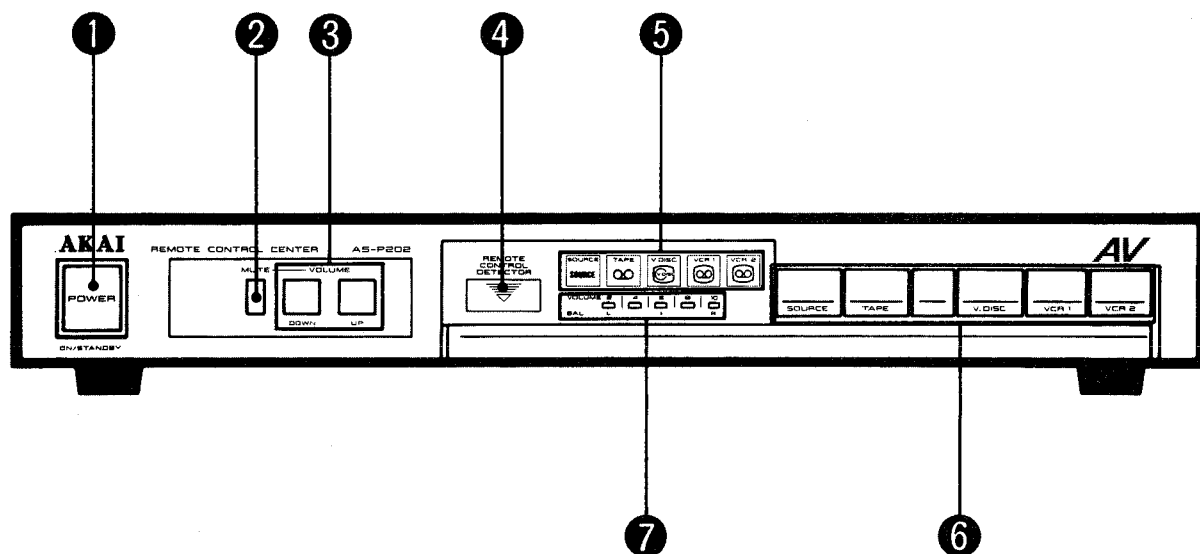
2 Removal of Front Panel



Remove the three screws

III. CONTROLS

3-1. AS-P202



1 POWER switch
To turn on and off the remote control center.

2 MUTE button
To instantly reduce the volume to zero.

3 VOLUME UP/DOWN buttons
To increase and decrease volume level for playback purposes.

4 REMOTE CONTROL DETECTOR window
For receiving the remote control signals from the wireless remote control unit.

5 Input source displays
Shows which input source is engaged.

6 Input select buttons
To select the playback source.

7 VOLUME and Balance display
Shows the volume level and volume balance.

CONTROLS ON THE REAR PANEL

● TAPE/PROCESSOR SELECTOR & CONTROL TERMINAL

Set the rear panel TAPE/PROCESSOR (/) selector to PROCESSOR () when connecting the Akai AS-P205 Sound Presence Controller.

If you are not using the Akai AS-P205, set this selector to TAPE () and connect an audio cassette deck to the TAPE/PROCESSOR jacks.

● TUNER CONTROL jack

In order to use the remote control unit to select preset channels with your Akai AT-A102/L Tuner:

Connect the Akai AT-A102/L CONTROL jack to the TUNER CONTROL jack with the standard accessory connection cable.

ATTENTION

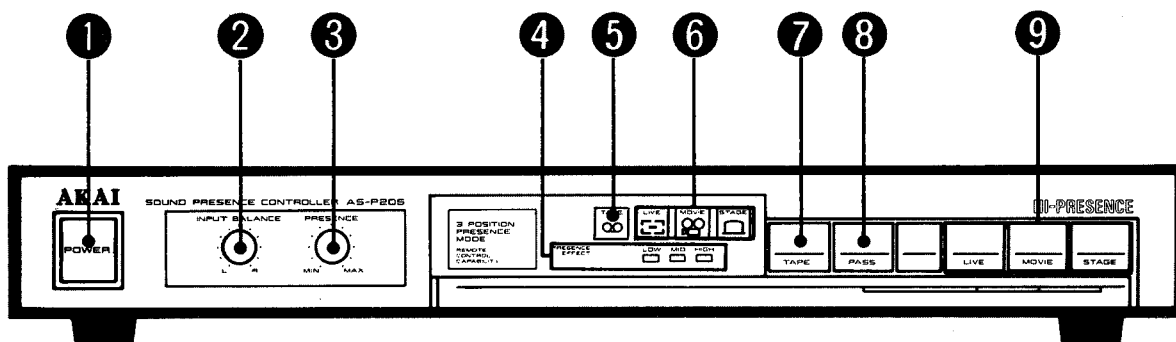
Do not connect any component to this jack other than the Akai AT-A102/L Tuner.

● DC CONTROL jack (For European models only)

ATTENTION: This jack is for connection with an optional Akai power control box.

Do not connect any component other than an Akai power control box to this jack.

3-2. AS-P205

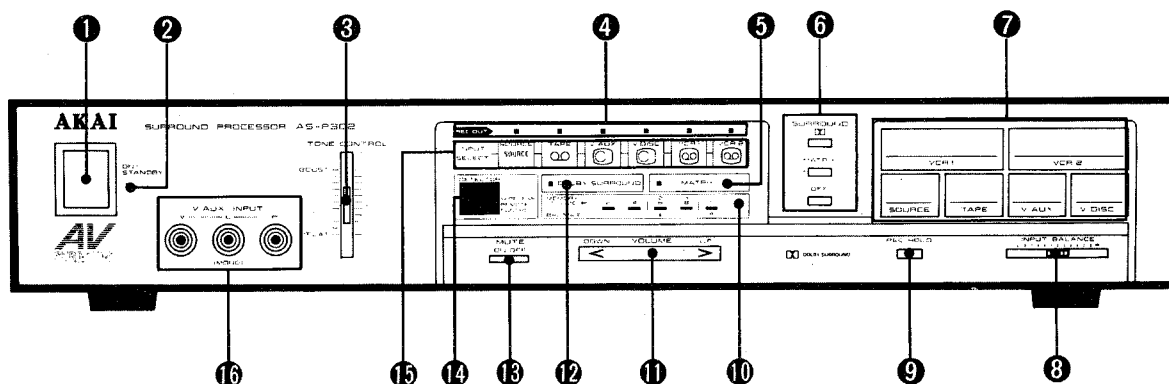


- 1 POWER switch**
To turn on and off the unit.
- 2 INPUT BALANCE control**
To adjust the input signals.
- 3 PRESENCE control**
To adjust the presence effect.
- 4 PRESENCE EFFECT (LOW/MID/HIGH) displays**
Shows PRESENCE EFFECT during the remote control operation of the Akai AS-P202. Normally the HIGH effect display lights.
- 5 TAPE indicator**
Shows the TAPE selector is on.
- 6 Effect mode displays**
Shows which presence mode is engaged.
- 7 TAPE switch**
For tape playback with a connected cassette deck.
- 8 PASS switch**
To turn on and off the presence controller system.
- 9 Effect mode selector (LIVE, MOVIE, STAGE)**
To select the appropriate presence mode according to the playback source.

CONTROL CONNECTOR ON THE REAR PANEL

When used in combination with the Akai AS-P202 Remote control center, the AS-P205's presence effect can be conveniently adjusted with the standard accessory Remote control unit RC-P202.

3-3. AS-P302



① POWER switch

To turn on and off the Akai surround processor.

Note

This unit remains connected to the main power supply when the power switch is turned off. To completely turn OFF the power of the unit, disconnect the power cord from the household AC outlet.

② ON/STANDBY indicator

Tells you the Akai Surround processor is connected to it's power supply.

Note

This indicator is not a power indicator, when the power cord is disconnected the indicator will go off.

③ TONE CONTROL (BOOST/FLAT)

To boost the low frequency level for the surround speaker system.

④ REC OUT indicators

Tells you which source can be recorded.

⑤ MATRIX indicator

Tells you the Matrix system is engaged.

⑥ Surround MODE selector (SURROUND □□, MATRIX, OFF)

To select the surround processor mode.

⑦ Input selectors (VCR1, VCR2, SOURCE, TAPE, V.AUX and V. DISC)

To select the playback source you want to listen to.

⑧ INPUT BALANCE control

To adjust channel balance during **Dolby surround source playback**. Normally set the control to it's center click position.

⑨ REC HOLD button

After pressing the input selector for the recording source, press this button.

⑩ MEMORY/VOLUME/BALANCE display

Tells you the volume, channel balance, mute and memory numbers.

⑪ VOLUME UP/DOWN control

To adjust the volume of the total system (including volume control for the main stereo system and the surround processor.)

⑫ DOLBY SURROUND indicator

Tells you the Dolby surround system is engaged.

⑬ MUTE ON/OFF button

Press to instantly cut the playback volume level. Press again to resume previous volume level.

⑭ DETECTOR window

To receive remote control signal from the remote control unit.

⑮ INPUT SELECT indicators

Tells you which input source can be played back.

⑯ Front Panel V. AUX INPUT jacks (V:Video, L:Left and R:Right)

To use for playback purpose only.

CONTROLS ON THE REAR PANEL

● On the RESET (PUSH) button

When the surround processor does not function properly due to interference from static electricity, press the RESET (PUSH) button.

Afterwards, to use the Akai surround processor, set to the following initial modes before operating:

- Power Turn ON
- VOLUME control - 40dB
- Balance control Center
- Front and Real balance Center
- Input selector SOURCE
- REC OUT selector OFF
- MEMORY All cancelled
- Surround mode Off
- Mute Off

How to reset

- 1 Disconnect the power cord plug of the surround processor from it's power supply.
- 2 Continuously depress the RESET (PUSH) button or the POWER button and replace the power cord plug into place.

● TUNER CONTROL jack

In order to use the remote control unit to select preset channels with your Akai AT-A102/L Tuner:

Connect the Akai AT-A102/L REMOTE CONTROL jack to the TUNER CONTROL jack with the standard accessory connection cable.

ATTENTION

Do not connect any component to this jack other than the Akai AT-A102/L tuner.

● DC CONTROL jack (For European models only)

ATTENTION: This jack is for connection with an optional Akai power control box.

Do not connect any component other than an Akai power control box to this jack.

IV. PRINCIPAL PARTS LOCATION

4-1. AS-P202

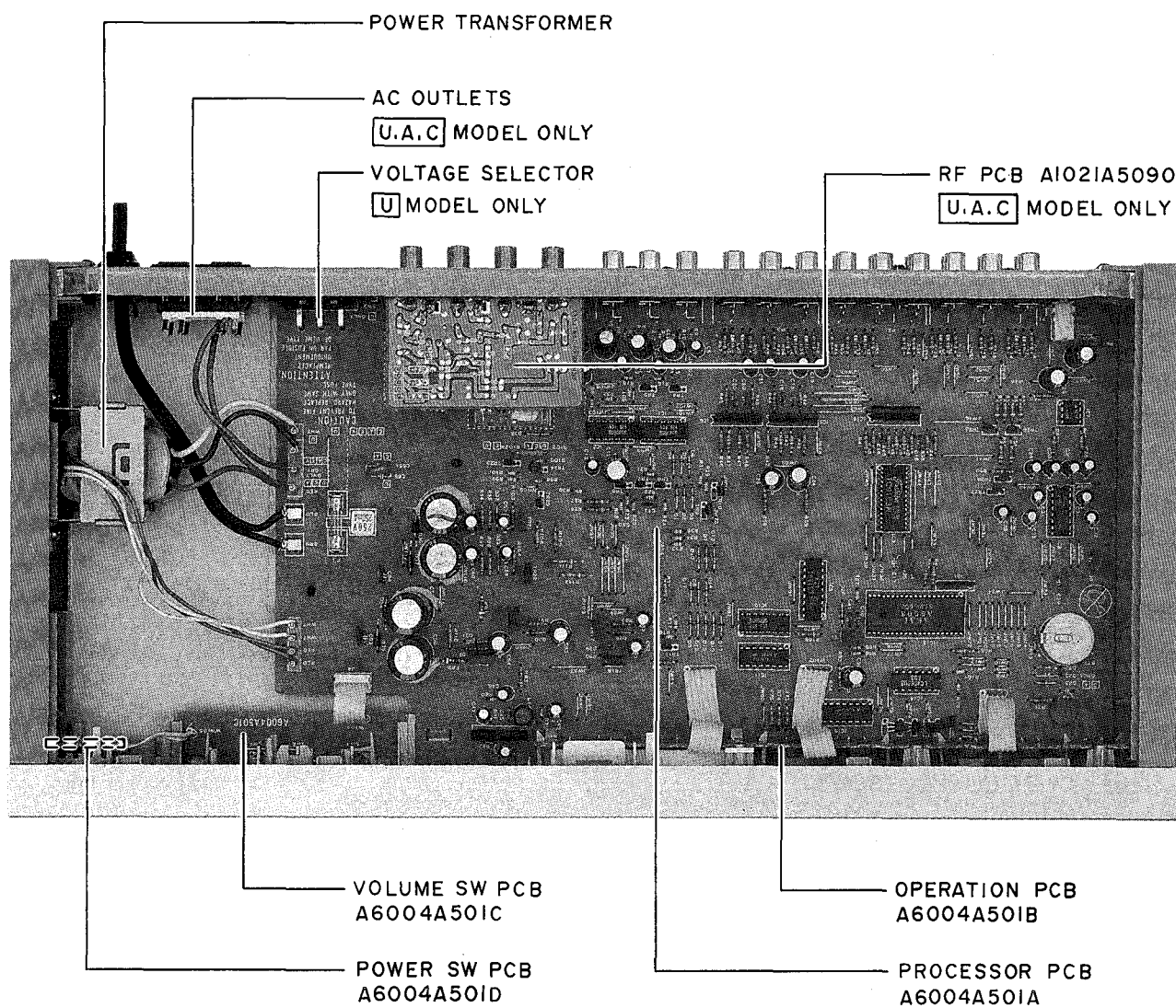


Fig. 4-1

4-2. AS-P205

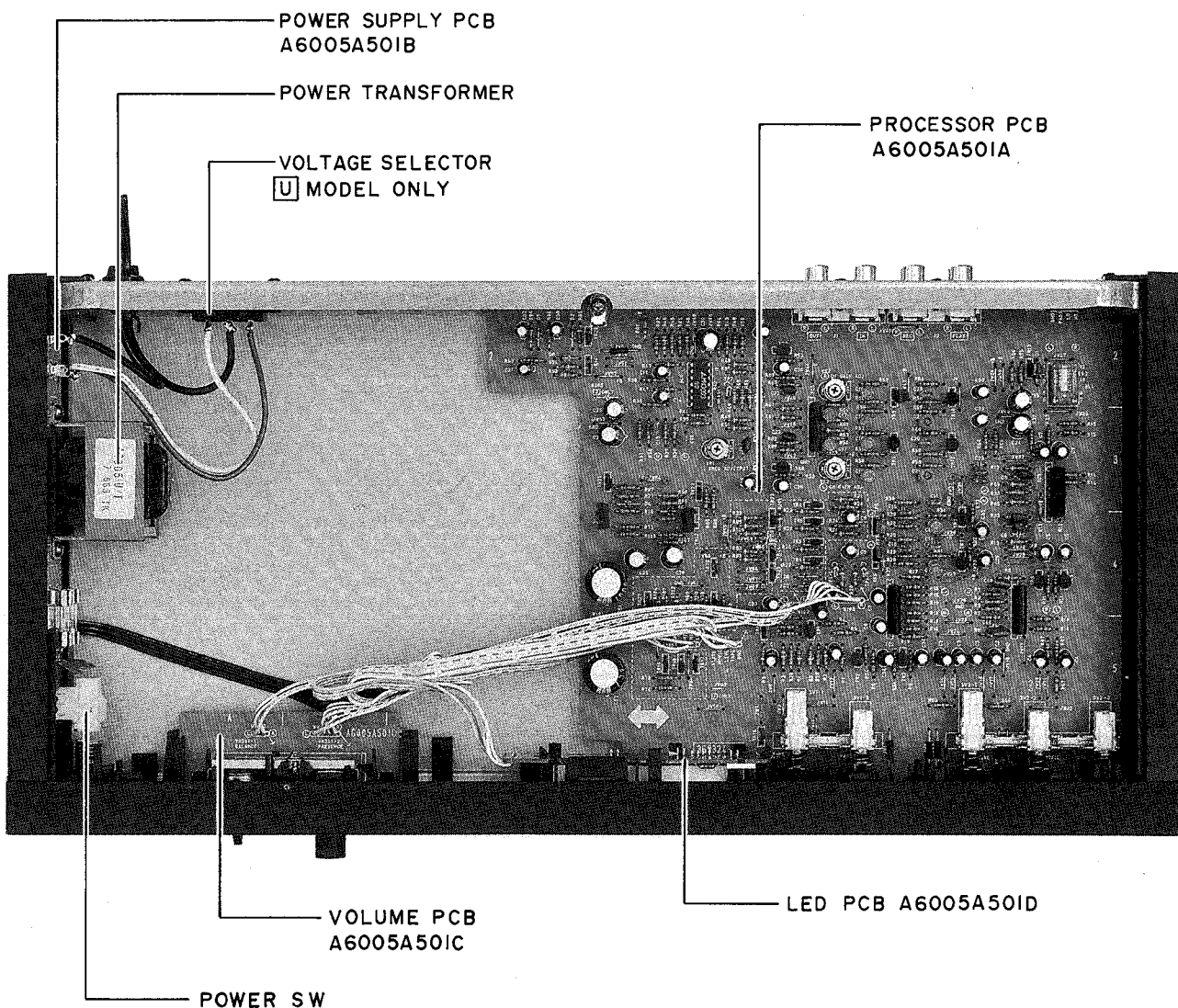


Fig. 4-2

4-3. AS-P302

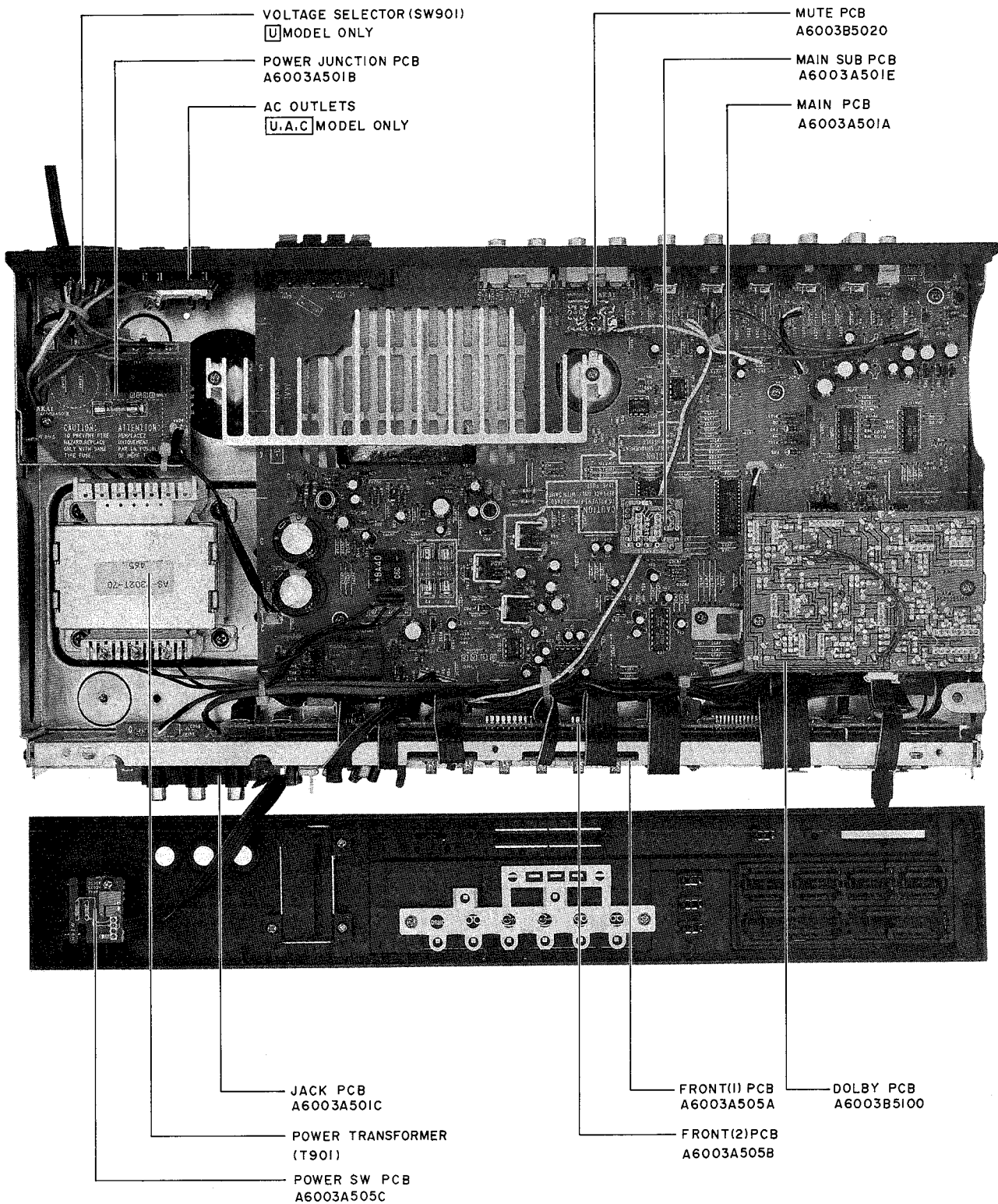


Fig. 4-3

V. ADJUSTMENT

5-1. AS-P202

AS-P202 has not any adjustments.

5-2. AS-P205

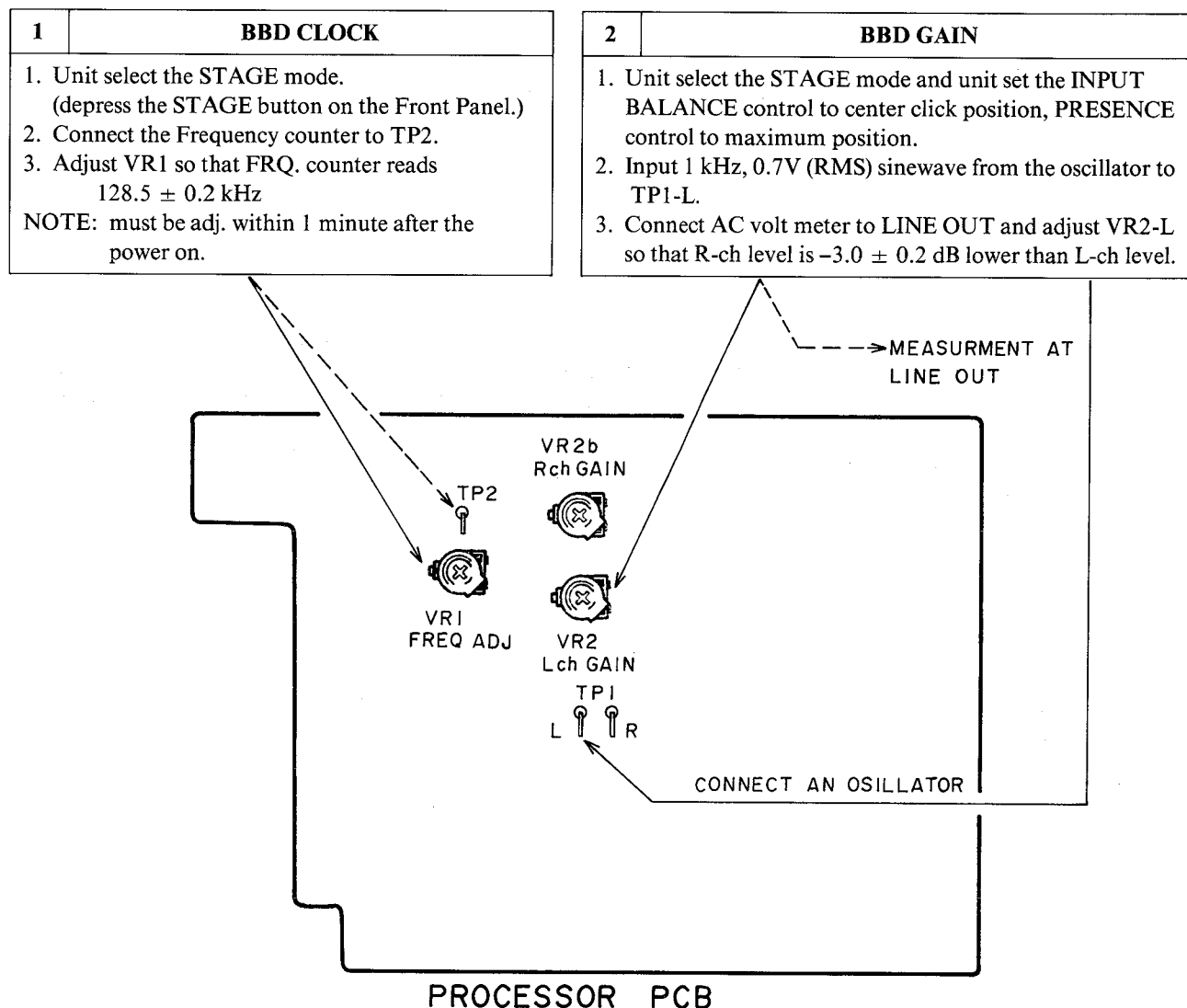


Fig. 5-1

5-3. AS-P302

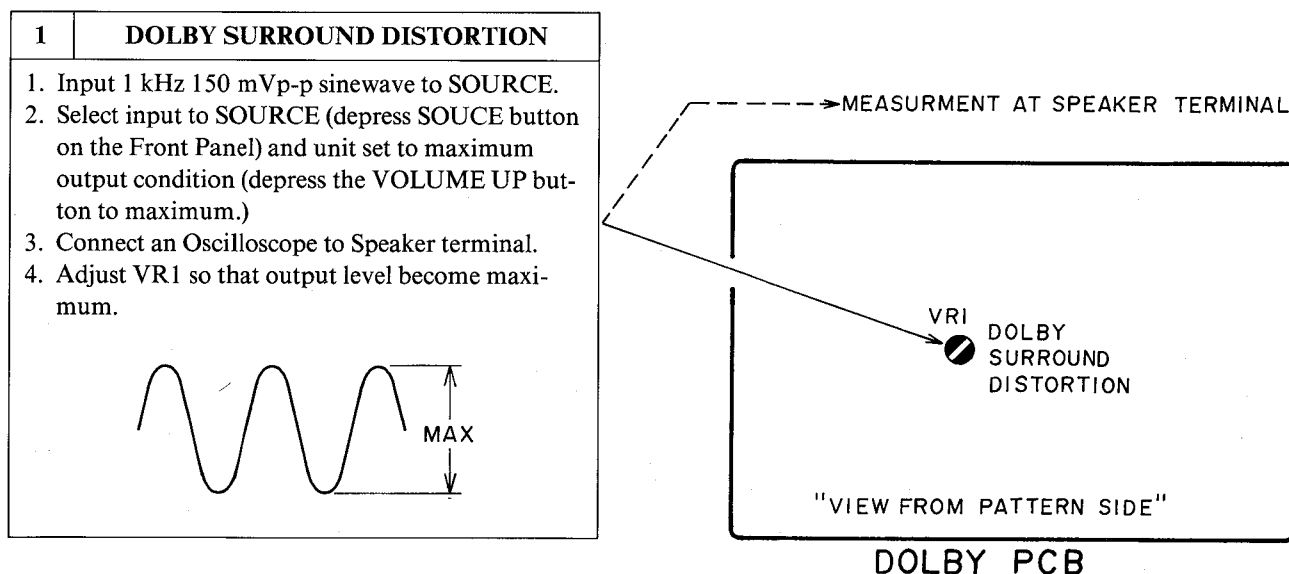


Fig. 5-2

VI. PARTS LIST

ATTENTION

1. When placing an order for parts, be sure to list Part No., Model No. and the description of each part. Otherwise, the non-delivery of the part or the delivery of a wrong part may result.
2. Please make sure that Part No. is correct when ordering.
If not, a part different from the one you ordered may be delivered.
3. Since the parts shown in Parts List of Preliminary Service Manual may have been the subject of changes, please use this Parts List for all future reference.

HOW TO USE THIS PARTS LIST

1. This Parts List lists those parts which are considered necessary for repairs. Other common parts, such as resistors and capacitors, are listed in the "Common List for Service Parts" from which these parts should be selected and stocked.
2. The Recommended Spare Parts List shows those parts in the Parts List which are considered particularly important for service.
3. Parts not shown in the Parts List and "Common List for Service Parts" will not in principle be supplied.
4. How to read the Parts List.

a) Mechanism Block

b) PC Board

2. HEAD BASE BLOCK

REF. NO.	PART NO.	DESCRIPTION
2-1x	BH-T2023A320A	HEAD BASE BLOCK
2-2	HP-H2206A010A	HEAD R/P PR4-8FU C
2-3	ZS-477876	PAN20x03STL CMT
2-4	ZS-536488	BID20x08STL CMT
2-5	ZG-402895	SP CS ANGLE ADJUST

SP (Service Parts) Classification

A small "x" indicates that this part is not shown in the Photo or Illustration.

This number corresponds with the individual parts index number in that figure.

This number corresponds with the Figure Number.

6. MAIN PC BOARD

REF. NO.	PART NO.	DESCRIPTION
6-IC1	EI-324536	IC HD14049BP
6-IC2	EI-336801	IC MB8841-564M
6-C1A	EC-338399	C MMY V 223M 250AC [U,E,B,S]
6-C1B	EC-350949	C MMY V 223M 250DC [J]
6-C1C	EC-338397	C MMY V 223M 125AC [C,A]
6-X1	EI-318384	OSC X'TAL NC-18C

Symbols for primary destination

[A]: AAL(U.S.A.) [S]: SAA(Australia)
[B]: BEAB(England) [U]: U/T(Universal Area)
[C]: CSA(Canada) [V]: VDE(W. Germany)
[E]: CEE(Europe) [Y]: Custom Version
[J]: JPN(Japan)

SP (Service Parts) Classification

These reference symbols correspond with component symbols in the Schematic Diagrams.

The available PC Board Blocks are listed separately.

5. When Part No. is known, Parts Index at end of Parts List can be used to locate where that part is shown in Parts List by its Reference No. listed at right of Part No.

WARNING

△ (*) INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURE'S RECOMMENDED PARTS.

AVERTISSEMENT

△ (*) IL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ. POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL, NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT.

MODEL AS-P202**1. RECOMMENDED SPARE PARTS**

Ref. No.	Part No.	Description
1	*BT-369240	TRANS POWER AS-P202 (B,S)
2	*BT-369238	TRANS POWER AS-P202 (C,A)
3	*BT-369237	TRANS POWER AS-P202 (U)
4	ED-562397	D GERMA H 1S188FM1
5	ED-361885	D LED SLP284C-51U GREEN
6	ED-714631	D LED TLN105A
7	ED-360409	D PHOT PN323B
8	ED-718039	D SILICON DAN201
9	ED-349662	D SILICON DS135E-FA6 F10 100/1.0A
10	ED-301911	D SILICON H DS448
11	ED-344280	D SILICON H GMA-01-FY2 F05
12	ED-366337	D SILICON H 1SS241
13	ED-306983	D ZENER H HZ12 C3
14	ED-346638	D ZENER H HZ2FA F10 B3
15	ED-300035	D ZENER H HZ6 B3
16	ED-319167	D ZENER H HZ6 C3
17	*EF-360723	FUSE BET T 100MA 250V [B]
18	*EF-339902	FUSE SEMKO T 100MA 250V [E,S]
19	*EF-321323	FUSE TSC A 250V 250MA [U]
20	*EF-315334	FUSE TSC 125V 250MA [C,A]
21	EI-370312	IC A6003
22	EI-366037	IC BU4028B
23	EI-354401	IC BU4066B
24	EI-356370	IC LA7224
25	EI-337013	IC LB1290
26	EI-338171	IC LC4069UB
27	EI-337228	IC M5218L
28	EI-349719	IC M5218P
29	EI-300042	IC M54519P
30	EI-366013	IC TC9163N
31	EI-351966	IC TC9176P
32	EI-749983	IC UPD1943G
33	EI-348409	OSC CE CSB400P 0.4MHZ
34	EI-710037	OSC CE CSB455E 455KHZ
35	*EQ-347611	RELAY POWER G2R-1112PFD-V 1NO 12V [U,C,A]
36	*ER-318647	R FUSE ERD2FC S10 1/4W 4R7J
37	*ES-349464	SW SLIDE 00120319 01-2 [U]
38	ES-359218	SW PUSH ESB-62951 2-02-02N
39	ES-359172	SW TACT SKHHAP
40	ET-363953	TR DTA114TS
41	ET-369248	TR DTA114YS
42	ET-364065	TR DTA144WS
43	ET-360399	TR DTC114TS
44	ET-354414	TR DTC144ES
45	ET-348898	TR FET 2SJ40 C,D,E F05
46	ET-308472	TR 2SA1115 E,F,G F05
47	ET-349882	TR 2SA1283 D,E F05
48	ET-366365	TR 2SB1185 E,F
49	ET-322598	TR 2SB632K E,F
50	ET-308141	TR 2SC2603 G F05
51	ET-366581	TR 2SD1762 E,F
52	ET-318603	TR 2SD545NP F
53	ET-310148	TR 2SD612K E,F

2. P.C BOARD BLOCK

Ref. No.	Part No.	Description
2-1A	BA-A6004A020A	PC PROCESSOR BLK AS-P202(U)
2-1B	BA-A6004A020B	PC PROCESSOR BLK AS-P202(C,A)
2-1C	BA-A6004A020C	PC PROCESSOR BLK AS-P202(E,B,S)

**PC PROCESSOR BLK CONSISTS OF
FOLLOWING P.C BOARD**

- * PROCESSOR P.C BOARD
- * OPERATION P.C BOARD
- * VOLUME SW P.C BOARD
- * POWER SW P.C BOARD

3. PROCESSOR P.C BOARD

Ref. No.	Part No.	Description
3-BT1	*EZ-358816	BATTERY LITHIUM BR2032-1HF
3-C55	EC-316186	C EC V CUT SM 222M 16.0DC
3-C56	EC-316186	C EC V CUT SM 222M 16.0DC
3-C61	EC-316188	C EC V CUT SM 102M 25DC
3-C62	EC-316188	C EC V CUT SM 102M 25DC
3-C65	*EC-320548	C CE V F 103Z 250AC [U]
3-C65A	*EC-338411	C CE V FZ 103P 400AC [C,A]
3-D1	ED-301911	D SILICON H DS448
3-D2	ED-301911	D SILICON H DS448
3-D3	ED-301911	D SILICON H DS448
3-D4	ED-301911	D SILICON H DS448
3-D5	ED-301911	D SILICON H DS448
3-D6	ED-301911	D SILICON H DS448
3-D7	ED-301911	D SILICON H DS448
3-D8	ED-301911	D SILICON H DS448
3-D9	ED-301911	D SILICON H DS448
3-D10	ED-301911	D SILICON H DS448
3-D11	ED-301911	D SILICON H DS448
3-D12	ED-301911	D SILICON H DS448
3-D13	ED-301911	D SILICON H DS448
3-D14	ED-301911	D SILICON H DS448
3-D15	ED-301911	D SILICON H DS448
3-D16	ED-301911	D SILICON H DS448
3-D17	ED-301911	D SILICON H DS448
3-D22	ED-562397	D GERMA H 1S188FM1
3-D23	ED-562397	D GERMA H 1S188FM1 [C,A]
3-D25	ED-301911	D SILICON H DS448
3-D26	ED-346638	D ZENER H HZ2FA F10 B3
3-D27	ED-360409	D PHOT PN323B
3-D28	*ED-300035	D ZENER H HZ6 B3
3-D29	*ED-300035	D ZENER H HZ6 B3
3-D30	*ED-319167	D ZENER H HZ6 C3
3-D31	*ED-319167	D ZENER H HZ6 C3
3-D32	ED-306983	D ZENER H HZ12 C3
3-D33	ED-306983	D ZENER H HZ12 C3
3-D34	*ED-349662	D SILICON DS135E-FA6 F10 100/1.0A
3-D35	*ED-349662	D SILICON DS135E-FA6 F10 100/1.0A
3-D36	*ED-349662	D SILICON DS135E-FA6 F10 100/1.0A
3-D37	*ED-349662	D SILICON DS135E-FA6 F10 100/1.0A
3-D38	ED-301911	D SILICON H DS448
3-FR1	*ER-318647	R FUSE ERD2FC S10 1/4W 4R7J
3-FR2	*ER-318647	R FUSE ERD2FC S10 1/4W 4R7J
3-IB1	EH-369247	COMP R RKC7KBS 104J
3-IC1	EI-354401	IC BU4066B
3-IC2	EI-354401	IC BU4066B
3-IC3	EI-366013	IC TC9163N
3-IC5	EI-337228	IC M5218L
3-IC6	EI-337228	IC M5218L
3-IC7	EI-349719	IC M5218P
3-IC8	EI-351966	IC TC9176P
3-IC9	EI-337013	IC LB1290
3-IC10	EI-366037	IC BU4028B
3-IC11	EI-300042	IC M54519P
3-IC12	EI-370312	IC A6003
3-IC13	EI-356370	IC LA7224
3-IC14	EI-338171	IC LC4069UB
3-IC15	EI-300042	IC M54519P
3-IC16	EI-337228	IC M5218L
3-J2	EJ-369321	PLUG CONNECTOR S4B-XH-A BLACK 4P
3-J3	EJ-356651	PHONE J HJSJ1011-01-510
3-J8	*EJ-366021	SOCKET INLET X-G9242#02 2P [E,B,S]
3-L1	EO-330719	COIL FIX 1 187LY-103K 103K
3-P1	EJ-366329	PIN J T5813 P 6P
3-P2	EJ-370283	PIN J T6181-AEBA P 6P
3-P3	EJ-366331	PIN J T6127-AABA W/SWP 6P
3-P4	EJ-369243	PIN J T6161-AABA P 6P
3-RL1	*EQ-347611	RELAY POWER G2R-1112PFD-V 1NO 12V [U,C,A]
3-R102	*ER-359268	R OMF H S12 FS 1W 181J [U,C,A]
3-R102A	*ER-356747	R OMF H S15 FS 1W 820J [E,B,S]
3-R109	*ER-333352	R CB H S10 FS RDS 1/4W 6R8J

Ref. No.	Part No.	Description
3-R110	*ER-333352	R CB H S10 FS RDS 1/4W 6R8J
3-R111	*ER-302241	R CB H S10 FS RDS 1/4W 4R7J
3-R112	*ER-302241	R CB H S10 FS RDS 1/4W 4R7J
3-SW1	ES-359218	SW PUSH ESB-62951 2-02-02N
3-SW3	*ES-349464	SW SLIDE 00120319 01-2 [U]
3-TR1	ET-360399	TR DTC114TS [U.C.A]
3-TR2	ET-360399	TR DTC114TS [U.C.A]
3-TR3	ET-360399	TR DTC114TS [U.C.A]
3-TR4	ET-308141	TR 2SC2603 G F05
3-TR5	ET-308141	TR 2SC2603 G F05
3-TR6	ET-308141	TR 2SC2603 G F05
3-TR7	ET-308141	TR 2SC2603 G F05
3-TR8	ET-308141	TR 2SC2603 G F05
3-TR9	ET-360399	TR DTC114TS
3-TR10	ET-360399	TR DTC114TS
3-TR11	ET-308141	TR 2SC2603 G F05
3-TR12	ET-369248	TR DTA114YS
3-TR13	ET-369248	TR DTA114YS
3-TR14	ET-369248	TR DTA114YS
3-TR15	ET-369248	TR DTA114YS
3-TR16	ET-369248	TR DTA114YS
3-TR17	*ET-366581	TR 2SD1762 E,F
3-TR18	*ET-366365	TR 2SB1185 E,F
3-TR19	*ET-366581	TR 2SD1762 E,F
3-TR20	*ET-366365	TR 2SB1185 E,F
3-TR21	*ET-310148	TR 2SD612K E,F
3-TR22	*ET-322598	TR 2SB632K E,F
3-TR23	ET-308141	TR 2SC2603 G F05
3-TR24	ET-349882	TR 2SA1283 D,E F05
3-TR25	ET-308472	TR 2SA1115 E,F,G F05
3-TR26	ET-348898	TR FET 2SJ40 C,D,E F05
3-TR27	ET-354414	TR DTC144ES
3-TR28	ET-364065	TR DTA144WS
3-X1	ET-348409	OSC CE CSB400P 0.4MHZ
3-F1A	*EF-321323	FUSE TSC A 250V 250MA [U]
3-F1B	*EF-315334	FUSE TSC 125V 250MA [C,A]
3-F1C	*EF-339902	FUSE SEMKO T 100MA 250V [E,S]
3-F1D	*EF-360723	FUSE BET T 100MA 250V [B]

4. RF P.C BOARD

Ref. No.	Part No.	Description
4-D1	ED-344280	D SILICON H GMA-01-FY2 F05
4-D2	ED-344280	D SILICON H GMA-01-FY2 F05
4-D3	ED-344280	D SILICON H GMA-01-FY2 F05
4-D4	ED-344280	D SILICON H GMA-01-FY2 F05
4-D5	ED-344280	D SILICON H GMA-01-FY2 F05
4-D6	ED-344280	D SILICON H GMA-01-FY2 F05
4-D7	ED-366337	D SILICON H 1SS241
4-D8	ED-366337	D SILICON H 1SS241
4-D9	ED-366337	D SILICON H 1SS241
4-D10	ED-366337	D SILICON H 1SS241
4-D11	ED-366337	D SILICON H 1SS241
4-D12	ED-366337	D SILICON H 1SS241
4-D13	ED-366337	D SILICON H 1SS241
4-D14	ED-366337	D SILICON H 1SS241
4-D15	ED-366337	D SILICON H 1SS241
4-TM1	EJ-366338	JACK PLATE F CONNECTOR 4P
4-TR1	ET-363953	TR DTA114TS
4-TR2	ET-363953	TR DTA114TS
4-TR3	ET-363953	TR DTA114TS

5. OPERATION P.C BOARD

Ref. No.	Part No.	Description
5-D1	ED-361885	D LED SLP284C-51U GREEN
5-D2	ED-361885	D LED SLP284C-51U GREEN
5-D3	ED-361885	D LED SLP284C-51U GREEN
5-D4	ED-361885	D LED SLP284C-51U GREEN
5-D5	ED-361885	D LED SLP284C-51U GREEN
5-D6	ED-361885	D LED SLP284C-51U GREEN
5-D7	ED-361885	D LED SLP284C-51U GREEN
5-D8	ED-361885	D LED SLP284C-51U GREEN
5-D9	ED-361885	D LED SLP284C-51U GREEN
5-D10	ED-361885	D LED SLP284C-51U GREEN
5-SW1	ES-359172	SW TACT SKHHAP
5-SW2	ES-359172	SW TACT SKHHAP
5-SW3	ES-359172	SW TACT SKHHAP
5-SW4	ES-359172	SW TACT SKHHAP
5-SW5	ES-359172	SW TACT SKHHAP

6. VOLUME SW P.C BOARD

Ref. No.	Part No.	Description
6-SW1	ES-349367	SW TACT SKHHAK003A
6-SW2	ES-349367	SW TACT SKHHAK003A
6-SW3	ES-349367	SW TACT SKHHAK003A

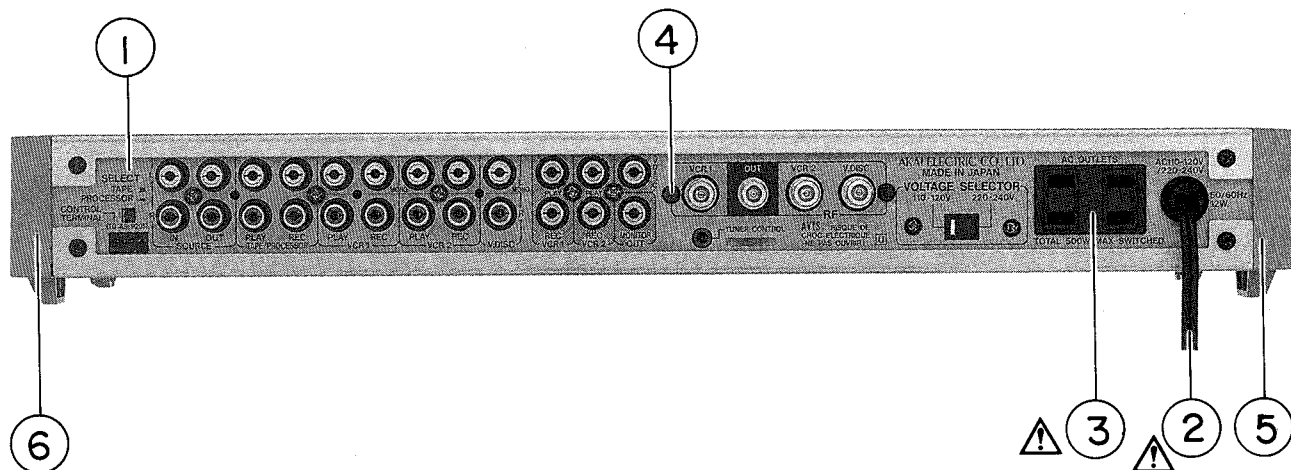
7. POWER SW P.C BOARD

Ref. No.	Part No.	Description
7-SW1	ES-359172	SW TACT SKHHAP

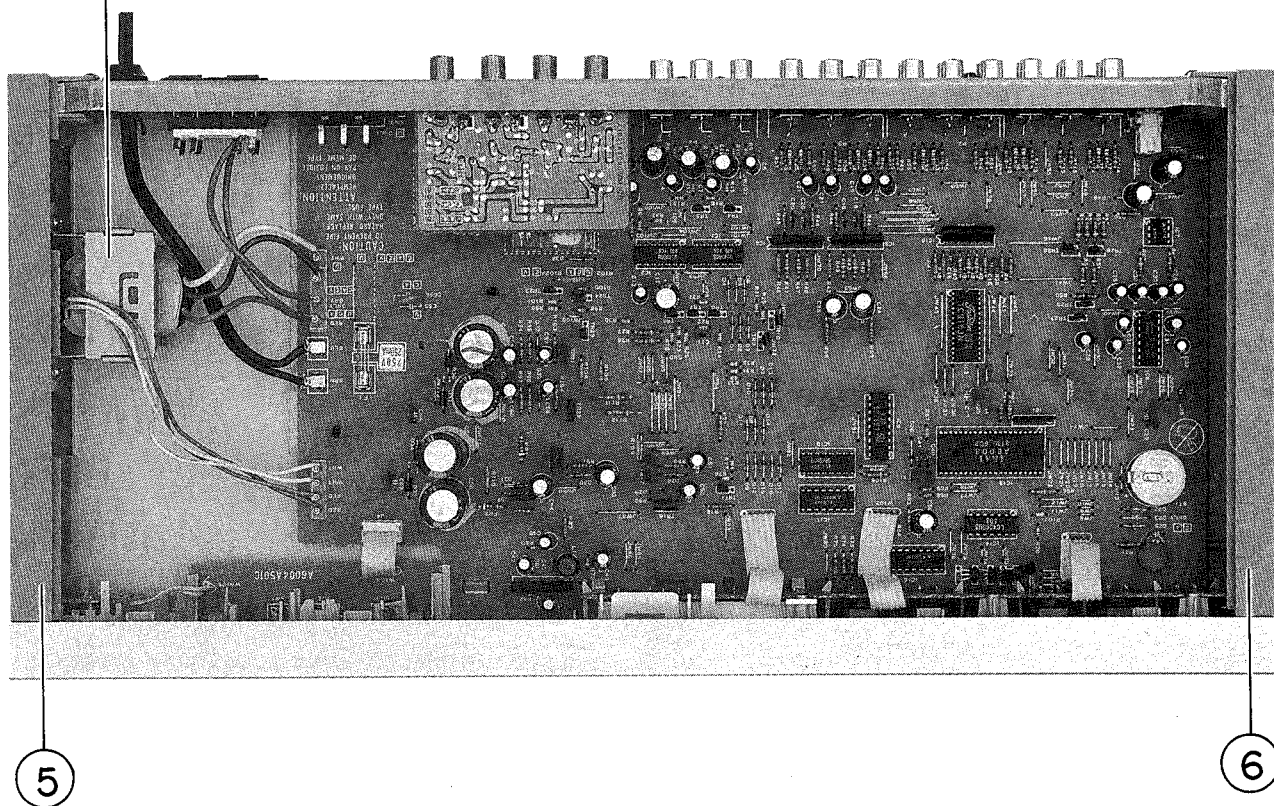
8. ASSEMBLY BLOCK

Ref. No.	Part No.	Description
8-1A	SP-369057A	PANEL REAR AS-P202(U)
8-1B	SP-369057B	PANEL REAR AS-P202(A,C)
8-1C	SP-369057C	PANEL REAR AS-P202(E,V)
8-1D	SP-369057D	PANEL REAR AS-P202(B,S)
8-2A	*EW-363845	AC CORD 200 KP700VFF B150 B U/T [A]
8-2B	*EW-363793	AC CORD 200 KP-8WSPT1 B150 B UC [C,A]
8-2C	*EW-363859	AC CORD 200 KP419LTCE B150 B EV [E]
8-2D	*EW-363873	AC CORD 200 LTBS B150 B B [B]
8-2E	*EW-363886	AC CORD 200 KP560LTS A B150 B S [S]
8-3A	*EJ-346248	SOCKET OUTLET S2-732T-172 [U]
8-3B	*EJ-349174	SOCKET OUTLET S2-732T-122 [C,A]
8-4	ZW-698308	RV NYL30X055 BL
8-5	SP-361850A-A	PANEL SIDE(L)
8-5-B	SP-361850B-A	PANEL SIDE(L)-B
8-6	SP-361851A-A	PANEL SIDE(R)
8-6-B	SP-361851B-A	PANEL SIDE(R)-B
8-T901A	*BT-369237	TRANS POWER AS-P202 (U)
8-T901B	*BT-369238	TRANS POWER AS-P202 (C,A)
8-T901C	*BT-369239	TRANS POWER AS-P202 (E,V)
8-T901D	*BT-369240	TRANS POWER AS-P202 (B,S)

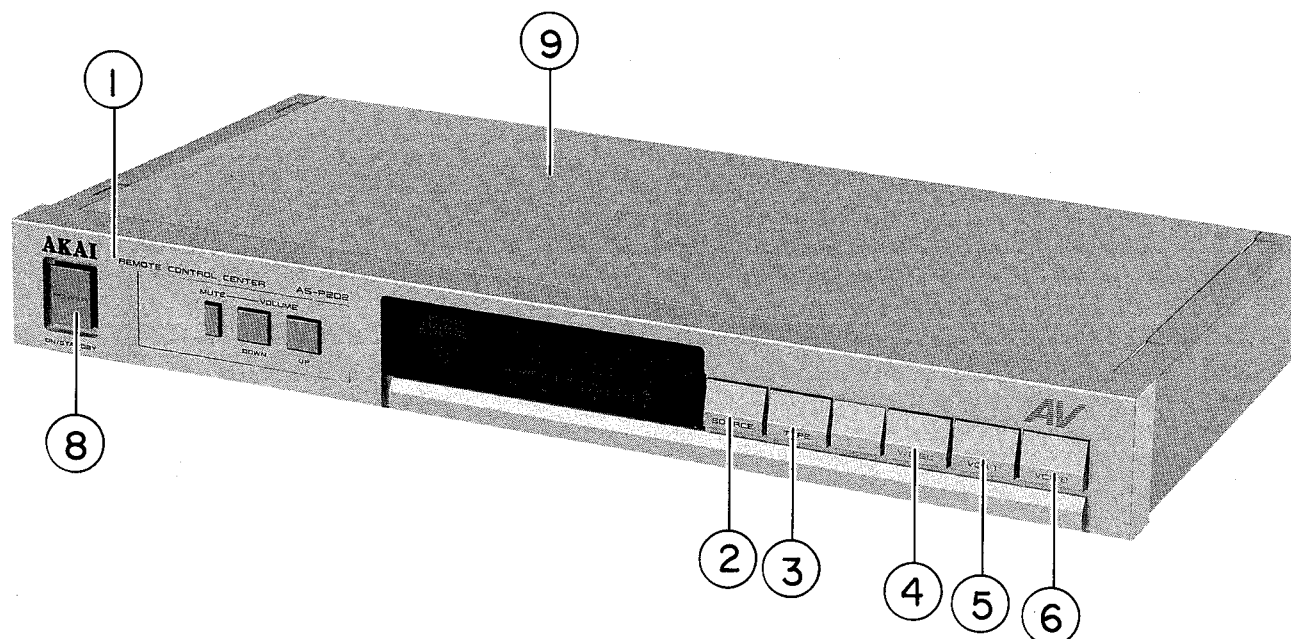
ASSEMBLY BLOCK



⚠ T901



FINAL ASSEMBLY BLOCK



9. FINAL ASSEMBLY BLOCK

Ref. No.	Part No.	Description
9-1	BD-A6004A050A	PANEL FRONT BLK AS-P202
9-1-B	BD-A6004A050B	PANEL FRONT BLK AS-P202-B
9-2	SK-366381R	KNOB SELECTOR SOURCE
9-2-B	SK-361870P	KNOB SELECTOR (A)-B SOURCE
9-3	SK-366381Q	KNOB SELECTOR TAPE
9-3-B	SK-361870G	KNOB SELECTOR (A)-B TAPE
9-4	SK-366381S	KNOB SELECTOR V.DISC
9-4-B	SK-361870R	KNOB SELECTOR (A)-B V.DISC
9-5	SK-366381T	KNOB SELECTOR VCR1
9-5-B	SK-366381B	KNOB SELECTOR (A)-B VCR1
9-6	SK-366381U	KNOB SELECTOR VCR2
9-6-B	SK-366381C	KNOB SELECTOR (A)-B VCR2
9-7X	ZG-369059	SP SELECTOR
9-8	SK-343017C	KNOB POWER (2)
9-8-B	SK-343017F	KNOB POWER-B
9-9X	ZG-369058	SP POWER
9-10	BC-358993A	COVER T-1
9-10-B	BC-358993G	COVER T-1B
9-11X	EW-369331-A	CORD SAE-056 MINI-MINI/1M
9-12X	AV-315170	CORD RR-165 PIN-PIN/2P

SYMBOL FOR COLOR VARIATION

NON: SILVER
B: BLOCK

10. REMOTE CONTROL UNIT RC-P202

Ref. No.	Part No.	Description
10-1	AX-369241	REMOCON RC-P202-S WIRELESS (T)
10-1-B	AX-369242	REMOCON RC-P202-B WIRELESS(T)
10-IC1	EI-749983	IC UPD1943G
10-TR1	ET-318603	TR 2SD545NP F
10-D1	ED-714631	D LED TLN105A
10-D3	ED-718039	D SILICON DAN201
10-D4	ED-718039	D SILICON DAN201
10-X1	EI-710037	OSC CE CSB455E 455KHZ
10-2	SC-718689	COVER BATTERY
10-2-B	SC-718690	COVER BATTERY-B

MODEL AS-P205**1. RECOMMENED SPARE PARTS**

Ref. No.	Part No.	Description
1	*BT-369316	TRANS POWER A6005 (C,A)
2	*BT-369317	TRANS POWER A6005 (E,V,B,S)
3	*BT-369314	TRANS POWER A6005 (U)
4	*ED-345555	D SILICON DBB10C 200/1.0A
5	ED-361885	D LED SLP284C-51U GREEN
6	ED-301911	D SILICON H DS448
7	ED-324526	D ZENER H HZ12 C1
8	ED-346461	D ZENER H HZ7FA F10 C1
9	*EF-365409	FUSE BET T 200MA 250V [B]
10	*EF-339905	FUSE SEMKO T 200MA 250V [E,S]
11	*EF-321323	FUSE TSC A 250V 250MA [U]
12	*EF-306088	FUSE TSC 125V 315MA [C,A]
13	EI-369328	IC MN3003
14	EI-337228	IC M5218L
15	*EQ-369318	RELAY SIG G5A-237P 24V
16	*ES-363293	SW PUSH SPUL19 [U]
17	*ES-348463	SW SLIDE 00120297 01-2 [U]
18	ES-369319	SW PUSH ESB-621928 2 THROW
19	ES-369320	SW PUSH ESB-621929 3 THROW
20	ET-360646	TR DTA143ES F05
21	ET-364093	TR 2SA1283 E,F F05
22	ET-349725	TR 2SA1391 S,T F05
23	ET-366365	TR 2SB1185 E,F
24	ET-336997	TR 2SB808-V G,H
25	ET-308141	TR 2SC2603 G F05
26	ET-349606	TR 2SC3382 T,U F05
27	ET-350795	TR 2SC3399 F05
28	ET-347961	TR 2SD1012-V G F05
29	ET-366581	TR 2SD1762 E,F
30	EV-369327	VR SPECIAL ROTARY VK161 2AXLE

2. P.C BOARD BLOCK

Ref. No.	Part No.	Description
2-1A	BA-A6005A020A	PC PROCESSOR BLK AS-P205(U)
2-1B	BA-A6005A020C	PC PROCESSOR BLK AS-P205(C,A)
2-1C	BA-A6005A020D	PC PROCESSOR BLK AS-P205(E,S)
2-1D	BA-A6005A020E	PC PROCESSOR BLK AS-P205(B)

**PC PROCESSOR BLK CONSISTS OF
FOLLOWING P.C BOARD**

- * PROCESSOR P.C BOARD
- * LED P.C BOARD
- * POWER SUPPLY P.C BOARD

3. PROCESSOR P.C BOARD

Ref. No.	Part No.	Description
3-C51	EC-316188	C EC V CUT SM 102M 25DC
3-C52	EC-316188	C EC V CUT SM 102M 25DC
3-D1	ED-349662	D SILICON DS135E-FA6 F10 100/1.0A
3-D2	ED-301911	D SILICON H DS448
3-D3	ED-301911	D SILICON H DS448
3-D4	ED-324526	D ZENER H HZ12 C1
3-D5	ED-324526	D ZENER H HZ12 C1
3-D6	ED-346461	D ZENER H HZ7FA F10 C1
3-D7	ED-346461	D ZENER H HZ7FA F10 C1
3-D8	ED-301911	D SILICON H DS448
3-IC1	EI-337228	IC M5218L
3-IC2	EI-337228	IC M5218L
3-IC3	EI-337228	IC M5218L
3-IC4	EI-369328	IC MN3003
3-IC5	EI-337228	IC M5218L
3-J1	EJ-336905	PIN J AJC-035-ACB P 4P
3-J2	EJ-336905	PIN J AJC-035-ACB P 4P
3-P1	EJ-369321	PLUG CONNECTOR S4B-XH-A BLACK 4P
3-RL1	*EQ-369318	RELAY SIG G5A-237P 24V
3-SW1	ES-369319	SW PUSH ESB-621928 2 THROW

Ref. No.	Part No.	Description
3-SW2	ES-369320	SW PUSH ESB-621929 3 THROW
3-TR1	ET-349725	TR 2SA1391 S,T F05
3-TR2	ET-349606	TR 2SC3382 T,U F05
3-TR3	ET-349606	TR 2SC3382 T,U F05
3-TR4	ET-308141	TR 2SC2603 G F05
3-TR5	ET-308141	TR 2SC2603 G F05
3-TR6	ET-349725	TR 2SA1391 S,T F05
3-TR7	ET-349606	TR 2SC3382 T,U F05
3-TR8	ET-349606	TR 2SC3382 T,U F05
3-TR9	ET-349725	TR 2SA1391 S,T F05
3-TR10	ET-349606	TR 2SC3382 T,U F05
3-TR11	*ET-366581	TR 2SD1762 E,F
3-TR12	*ET-366365	TR 2SB1185 E,F
3-TR13	ET-364093	TR 2SA1283 E,F F05
3-TR14	ET-308141	TR 2SC2603 G F05
3-TR15	ET-364060	TR DTC143ES
3-TR16	ET-364060	TR DTC143ES
3-TR17	ET-364060	TR DTC143ES
3-TR18	ET-308141	TR 2SC2603 G F05
3-TR19	ET-308141	TR 2SC2603 G F05
3-TR20	ET-308141	TR 2SC2603 G F05
3-TR21	ET-347961	TR 2SD1012-V G F05
3-TR22	ET-336997	TR 2SB808-V G,H
3-TR23	ET-308141	TR 2SC2603 G F05
3-TR24	ET-350795	TR 2SC3399 F05
3-TR25	ET-350795	TR 2SC3399 F05
3-TR26	ET-360646	TR DTA143ES F05
3-TR27	ET-308141	TR 2SC2603 G F05
3-VR1	EV-338588	R S-FIX H RVF8P01 3P 503
3-VR2	EV-337996	R S-FIX H RVF8P01 3P 104

4. LED P.C BOARD

Ref. No.	Part No.	Description
4-D301	ED-361885	D LED SLP284C-51U GREEN
4-D302	ED-361885	D LED SLP284C-51U GREEN
4-D303	ED-361885	D LED SLP284C-51U GREEN
4-D304	ED-361885	D LED SLP284C-51U GREEN
4-D305	ED-361885	D LED SLP284C-51U GREEN
4-D306	ED-361885	D LED SLP284C-51U GREEN
4-D307	ED-361885	D LED SLP284C-51U GREEN

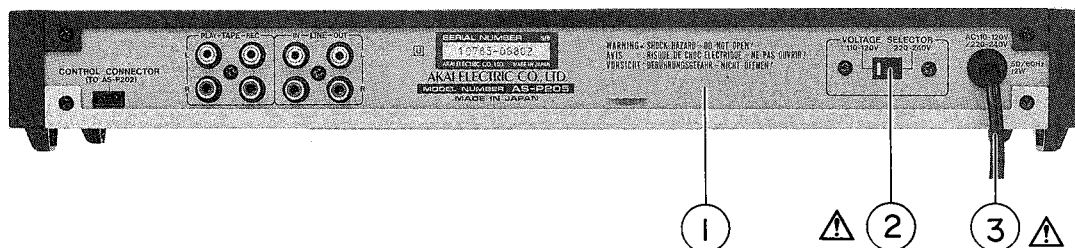
5. POWER SUPPLY P.C BOARD

Ref. No.	Part No.	Description
5-D101	*ED-345555	D SILICON DBB10C 200/1.0A
5-SW101	*ES-363293	SW PUSH SPUL19 [U]
5-T901A	*BT-369314	TRANS POWER A6005 (U)
5-T901B	*BT-369316	TRANS POWER A6005 (C,A)
5-T901C	*BT-369317	TRANS POWER A6005 (E,V,B,S)
5-F101A	*EF-321323	FUSE TSC A 250V 250MA [U]
5-F101B	*EF-306088	FUSE TSC 125V 315MA [C,A]
5-F101C	*EF-339905	FUSE SEMKO T 200MA 250V [E,S]
5-F101D	*EF-365409	FUSE BET T 200MA 250V [B]
5-F102A	*EF-321323	FUSE TSC A 250V 250MA [U]
5-F102B	*EF-306088	FUSE TSC 125V 315MA [C,A]
5-F102C	*EF-339905	FUSE SEMKO T 200MA 250V [E,S]
5-F102D	*EF-365409	FUSE BET T 200MA 250V [B]

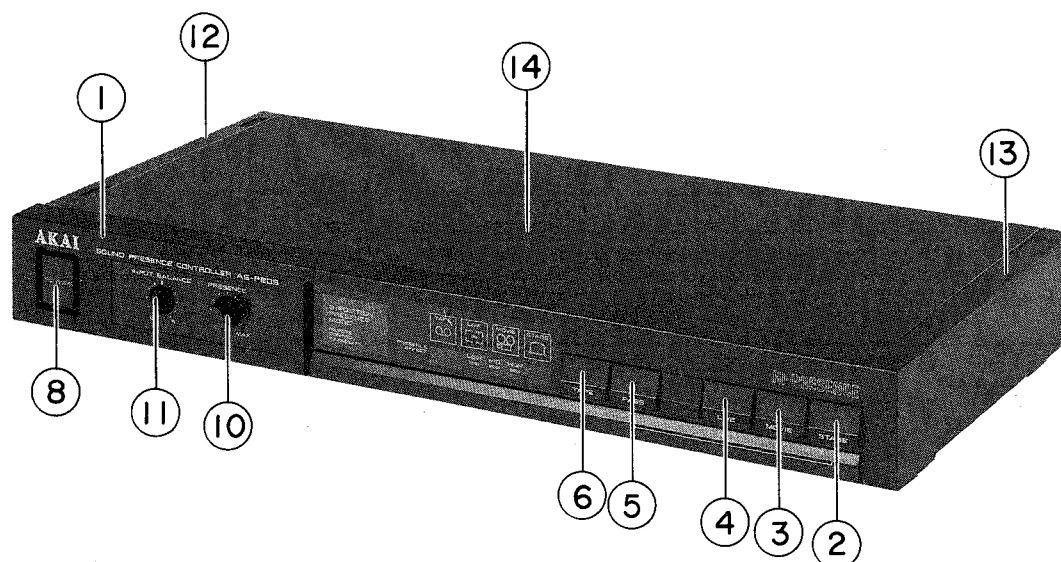
6. VOLUME P.C BOARD

Ref. No.	Part No.	Description
6-VR201	EV-369327	VR SPECIAL ROTARY VK161 2AXLE

ASSEMBLY BLOCK



FINAL ASSEMBLY BLOCK



7. ASSEMBLY BLOCK

Ref. No.	Part No.	Description
7-1A	SP-369071A	PANEL REAR AS-P205(U)
7-1B	SP-369071C	PANEL REAR AS-P205(C,A)
7-1C	SP-369071D	PANEL REAR AS-P205(E,V)
7-1D	SP-369071E	PANEL REAR AS-P205(B,S)
7-2	*ES-348463	SW SLIDE 00120297 01-2 [U]
7-3A	*EW-363658	AC CORD 200 0129AVFF B100 A U/T [U]
7-3B	*EW-363734	AC CORD 200 KP-8 SPT1 B100 A UC [C,A]
7-3C	*EW-363671	AC CORD 200 0364 LCFL B100 A EV [E]
7-3D	*EW-363683	AC CORD 200 LCFL B100 A B [B]
7-3E	*EW-363697	AC CORD 200 0436 LCFL B100 A S [S]

8. FINAL ASSEMBLY BLOCK

Ref. No.	Part No.	Description
8-1A	BD-A6005A030A	PANEL FRONT BLK AS-P205(U)
8-1A-B	BD-A6005A030B	PANEL FRONT BLK AS-P205-B(U)
8-2	SK-366381E	KNOB SELECTOR STAGE
8-2-B	SK-366381K	KNOB SELECTOR-B STAGE
8-3	SK-366381F	KNOB SELECTOR MOVIE
8-3-B	SK-366381L	KNOB SELECTOR-B MOVIE
8-4	SK-366381G	KNOB SELECTOR LIVE
8-4-B	SK-366381M	KNOB SELECTOR-B LIVE
8-5	SK-366381H	KNOB SELECTOR PASS
8-5-B	SK-366381N	KNOB SELECTOR-B PASS
8-6	SK-366381Q	KNOB SELECTOR TAPE
8-6-B	SK-361870G	KNOB SELECTOR (A)-B TAPE
8-7X	ZG-369059	SP SELECTOR
8-8	SK-343017C	KNOB POWER (2)
8-8-B	SK-343017F	KNOB POWER-B
8-9X	ZG-369058	SP POWER
8-10	SK-369277A	KNOB PRESENCE
8-10-B	SK-369277B	KNOB PRESENCE-B
8-11	SK-369278A	KNOB BALANCE
8-11-B	SK-369278B	KNOB BALANCE-B
8-12	SP-361850A-A	PANEL SIDE(L)
8-12-B	SP-361850B-A	PANEL SIDE(L)-B
8-13	SP-361851A-A	PANEL SIDE(R)
8-13-B	SP-361851B-A	PANEL SIDE(R)-B
8-14	BC-358993A	COVER T-1
8-14-B	BC-358993G	COVER T-1B
8-15X	AX-A6005A040A	ANTI-SLIP SET BLK AS-P205
8-16X	AV-315170	CORD RR-165 PIN-PIN/2P

SYMBOL FOR COLOR VARIATION

NON: SILVER
B: BLOCK

MODEL AS-P302**1. RECOMMENDED SPARE PARTS**

Ref. No.	Part No.	Description
1	*BT-366008	TRANS POWER AS-P302T-10(J)
2	*BT-366010	TRANS POWER AS-P302T-20(A)
3	*BT-366009	TRANS POWER AS-P302T-30(C)
4	*BT-366011	TRANS POWER AS-P302T-40(E,V)
5	*BT-366012	TRANS POWER AS-P302T-50(B,S)
6	*BT-366007	TRANS POWER AS-P302T-70(U)
7	*ED-200213	D SILICON DBA40C-K15 200/2.6A
8	ED-562397	D GERMA H 1S188FM1
9	ED-366020	D LED BG3665S GREEN
10	ED-366023	D LED BR3665S RED
11	ED-358087	D LED SLP-175B-50 RED
12	ED-361885	D LED SLP284C-51U GREEN
13	ED-714631	D LED TLN105A
14	ED-360409	D PHOT PN323B
15	ED-348990	D SILICON H DS446
16	ED-301911	D SILICON H DS448
17	ED-344280	D SILICON H GMA-01-FY2 F05
18	ED-306320	D ZENER H HZ15 2
19	ED-346415	D ZENER H HZ2FA F10 C1
20	ED-329056	D ZENER H HZ22 2
21	ED-309069	D ZENER H HZ6 B2
22	ED-319167	D ZENER H HZ6 C3
23	ED-346607	D ZENER H HZ9 B1
24	*EF-355226	FUSE BET T 1.00A 250V [B]
25	*EF-623103	FUSE SEMKO T 1.00A 250V [E,V,S]
26	*EF-311839	FUSE TSC A 250V 1.60A [J,U]
27	*EF-306950	FUSE TSC A 250V 2.00A [J,U]
28	*EF-308847	FUSE TSC 125V 1.60A [C,A]
29	*EF-306954	FUSE TSC 125V 2.00A [C,A]
30	*EI-366014	IC STK4131II
31	EI-370312	IC A6003
32	EI-354401	IC BU4066B
33	EI-356370	IC LA7224
34	EI-337013	IC LB1290
35	EI-360227	IC MN3007
36	EI-360228	IC MN3101
37	EI-349719	IC M5218P
38	EI-349719	IC M5218P
39	EI-300042	IC M54519P
40	EI-300042	IC M54519P
41	EI-366038	IC NE645N
42	EI-332259	IC TC4052BP
43	EI-366013	IC TC9163N
44	EI-351966	IC TC9176P
45	EI-351966	IC TC9176P
46	EI-749983	IC UPD1943G
47	EI-348409	OSC CE CSB400P 0.4MHZ
48	EI-749984	OSC CE KBR455BAT 455KHZ
49	*EO-338409	COIL LF FKOB160MH02 250UH
50	*EQ-347611	RELAY POWER G2R-1112PFD-V 1NO 12V [U,J,C,A]
51	*EQ-337159	RELAY POWER G4Z-2282P 2NO 24V
52	*ER-345751	R FUSE ERD2FC S10 1/4W 15ROG
53	*ER-349424	R FUSE ERD2FC S10 1/4W 18ROG
54	*ER-200972	R FUSE ERD2FC S10 1/4W 33ROG
55	*ER-318248	R FUSE ERD2FC S10 1/4W 47ROG
56	*ER-328278	R FUSE ERD2FC 1/4W 10ROG
57	*ER-200746	R FUSE ERD2FC 1/4W 1000G
58	*ES-349070	SW SELECTOR YKS11-0002 02-4 [U]
59	ES-349474	SW TACT SKHHAM004A
60	ES-359172	SW TACT SKHHAP
61	ES-366019	SW TACT 2401422-8A
62	ET-370311	TR DTC143XS
63	ET-354414	TR DTC144ES
64	ET-370310	TR DTC144TS
65	ET-308472	TR 2SA1115 E,F,G F05
66	ET-349882	TR 2SA1283 D,E F05
67	ET-322598	TR 2SB632K E,F
68	ET-308141	TR 2SC2603 G F05
69	ET-349883	TR 2SC3243 D,E F05

Ref. No.	Part No.	Description
70	ET-344176	TR 2SD313HP F
71	ET-318603	TR 2SD545NP F
72	ET-310148	TR 2SD612K E,F
73	EV-362442	VR SLIDE RS25112A9 C103X2
74	EV-358539	VR SLIDE 25P1SVQF W105

2. P.C BOARD BLOCK

Ref. No.	Part No.	Description
2-1	BA-A6003A020B	PC MAIN BLK AS-P302(J)
2-1A	BA-A6003A020A	PC MAIN BLK AS-P302(U)
2-1B	BA-A6003A020C	PC MAIN BLK AS-P302(C,A)
2-1C	BA-A6003A020D	PC MAIN BLK AS-P302(E,B,S)
2-1D	BA-A6003A020E	PC MAIN BLK AS-P302(V)
2-2	BA-A6003A030A	PC FRONT BLK AS-P302(J,U,C,E,V,B,S)
2-2A	BA-A6003A030B	PC FRONT BLK AS-P302(A)
2-3	BA-A6003A040A	PC DOLBY BLK AS-P302

PC MAIN BLK CONSISTS OF FOLLOWING P.C BOARD

* MAIN P.C BOARD
* POWER JUNCTION P.C BOARD
* JACK P.C BOARD
* DC CONTROL JACK P.C BOARD
* MAIN SUB P.C BOARD

PC FRONT BLK CONSISTS OF P.C BOARD

* FRONT (1) P.C BOARD
* FRONT (2) P.C BOARD
* POWER SW P.C BOARD

3. MAIN P.C BOARD

Ref. No.	Part No.	Description
3-C34	EC-350765	C EC V CUT 472M 35DC
3-C35	EC-350765	C EC V CUT 472M 35DC
3-C42	EC-326583	C MMY V CUT CF921 473K 400DC
3-D1	ED-344280	D SILICON H GMA-01-FY2 F05
3-D2	ED-344280	D SILICON H GMA-01-FY2 F05
3-D3	ED-301911	D SILICON H DS448
3-D4	*ED-306320	D ZENER H HZ15 2
3-D5	*ED-306320	D ZENER H HZ15 2
3-D6	ED-309069	D ZENER H HZ6 B2
3-D7	ED-319167	D ZENER H HZ6 C3
3-D8	ED-319167	D ZENER H HZ6 C3
3-D9	ED-344280	D SILICON H GMA-01-FY2 F05
3-D10	ED-329056	D ZENER H HZ22 2
3-D11	*ED-200213	D SILICON DBA40C-K15 200/2.6A
3-D13	ED-346607	D ZENER H HZ9 B1
3-D14	ED-346607	D ZENER H HZ9 B1
3-D15	ED-348990	D SILICON H DS446
3-D16	ED-344280	D SILICON H GMA-01-FY2 F05
3-D17	ED-344280	D SILICON H GMA-01-FY2 F05
3-D18	ED-344280	D SILICON H GMA-01-FY2 F05
3-D19	ED-301911	D SILICON H DS448
3-D20	*ED-344280	D SILICON H GMA-01-FY2 F05
3-D21	ED-344280	D SILICON H GMA-01-FY2 F05
3-D22	ED-301911	D SILICON H DS448
3-D23	ED-301911	D SILICON H DS448
3-D24	ED-344280	D SILICON H GMA-01-FY2 F05
3-D25	ED-344280	D SILICON H GMA-01-FY2 F05
3-D26	ED-344280	D SILICON H GMA-01-FY2 F05
3-D27	ED-301911	D SILICON H DS448
3-D28	ED-301911	D SILICON H DS448
3-D29	ED-344280	D SILICON H GMA-01-FY2 F05
3-D30	ED-344280	D SILICON H GMA-01-FY2 F05
3-D31	ED-344280	D SILICON H GMA-01-FY2 F05
3-D32	ED-301911	D SILICON H DS448
3-D33	ED-344280	D SILICON H GMA-01-FY2 F05
3-D34	ED-344280	D SILICON H GMA-01-FY2 F05
3-D35	ED-344280	D SILICON H GMA-01-FY2 F05
3-FR1	*ER-200746	R FUSE ERD2FC 1/4W 1000G
3-FR2	*ER-328278	R FUSE ERD2FC 1/4W 10ROG
3-FR3	*ER-328278	R FUSE ERD2FC 1/4W 10ROG

Ref. No.	Part No.	Description
3-FR4	*ER-349424	R FUSE ERD2FC S10 1/4W 18R0G
3-FR5	*ER-345751	R FUSE ERD2FC S10 1/4W 15R0G
3-FR6	*ER-200972	R FUSE ERD2FC S10 1/4W 33R0G
3-FR7	*ER-200972	R FUSE ERD2FC S10 1/4W 33R0G
3-FR8	*ER-318248	R FUSE ERD2FC S10 1/4W 47R0G
3-IC1	EI-354401	IC BU4066B
3-IC2	EI-354401	IC BU4066B
3-IC3	EI-354401	IC BU4066B
3-IC4	EI-349392	IC TC9164N
3-IC5	EI-366013	IC TC9163N
3-IC6	EI-349719	IC M5218P
3-IC7	EI-349719	IC M5218P
3-IC8	EI-351966	IC TC9176P
3-IC9	EI-349719	IC M5218P
3-IC10	EI-332259	IC TC4052BP
3-IC11	EI-351966	IC TC9176P
3-IC12	EI-349719	IC M5218P
3-IC13	*EI-366014	IC STK4131II
3-IC14	EI-349719	IC M5218P
3-IC15	EI-349719	IC M5218P
3-P1	EJ-356651	PHONE J H5J1011-01-510
3-P2	EJ-366034	PIN J JPJ1012-01-940 1P
3-P3	EJ-366035	PIN J YKC21-5134A P 3P
3-P4	EJ-366035	PIN J YKC21-5134A P 3P
3-P5	EJ-366035	PIN J YKC21-5134A P 3P
3-P6	EJ-366035	PIN J YKC21-5134A P 3P
3-P7	EJ-366035	PIN J YKC21-5134A P 3P
3-P9	EJ-336905	PIN J AJC-035-ACB P 4P
3-P10	EJ-336905	PIN J AJC-035-ACB P 4P
3-L1	EO-337880	COIL FIX 2 202AK-018 2R2K
3-RL1	*EQ-337159	RELAY POWER G4Z-2282P 2NO 24V
3-R81	ER-311685	R CB H S15 FS RDS 1/2W 4R7J
3-R82	ER-311685	R CB H S15 FS RDS 1/2W 4R7J
3-R85	ER-324935	R CB H S15 FS RDS 1/2W 181J
3-R90	*ER-365312	R OMF H S15 FS 2W 471J [U,J,C,A]
3-R90A	*ER-363514	R OMF H S15 FS 2W 271J [E,B,S,V]
3-R100	ER-323074	R CB H S10 FS RDS 1/4W 102J
3-R101	ER-323074	R CB H S10 FS RDS 1/4W 102J
3-SW1	ES-366019	SW TACT 2401422-8A
3-TM1	EJ-359264	TERMINAL LEVER YKD21-0023A P 4P
3-TR1	ET-308141	TR 2SC2603 G F05
3-TR2	ET-308141	TR 2SC2603 G F05
3-TR3	ET-308141	TR 2SC2603 G F05
3-TR5	ET-308141	TR 2SC2603 G F05
3-TR7	ET-308141	TR 2SC2603 G F05
3-TR10	ET-308141	TR 2SC2603 G F05
3-TR11	ET-308141	TR 2SC2603 G F05
3-TR12	ET-308141	TR 2SC2603 G F05
3-TR13	ET-308141	TR 2SC2603 G F05
3-TR14	ET-308141	TR 2SC2603 G F05
3-TR15	ET-308141	TR 2SC2603 G F05
3-TR16	ET-308141	TR 2SC2603 G F05
3-TR17	ET-354414	TR DTC144ES
3-TR18	ET-308141	TR 2SC2603 G F05
3-TR19	ET-354414	TR DTC144ES
3-TR20	ET-349883	TR 2SC3243 D,E F05
3-TR21	ET-308141	TR 2SC2603 G F05
3-TR22	ET-308141	TR 2SC2603 G F05
3-TR23	ET-349882	TR 2SA1283 D,E F05
3-TR24	*ET-344176	TR 2SD313HP F
3-TR25	*ET-347026	TR 2SB507HP E,F
3-TR26	*ET-344176	TR 2SD313HP F
3-TR27	*ET-310148	TR 2SD612K E,F
3-TR28	*ET-322598	TR 2SB632K E,F
3-TR29	ET-308141	TR 2SC2603 G F05
3-TR30	ET-370310	TR DTC144TS
3-TR30A	ET-308141	TR 2SC2603 G F05 [1ST LOT ONLY]
3-TR31	ET-370310	TR DTC144TS
3-TR31A	ET-308141	TR 2SC2603 G F05 [1ST LOT ONLY]
3-TR32	ET-370310	TR DTC144TS
3-TR32A	ET-308141	TR 2SC2603 G F05 [1ST LOT ONLY]
3-TR33	ET-370311	TR DTC143XS

Ref. No.	Part No.	Description
3-TR33A	ET-308141	TR 2SC2603 G F05 [1ST LOT ONLY]
3-F1	*EF-311839	FUSE TSC A 250V 1.60A [U,J]
3-F2	*EF-311839	FUSE TSC A 250V 1.60A [U,J]
3-F3	*EF-306950	FUSE TSC A 250V 2.00A [U,J]
3-F1A	*EF-306954	FUSE TSC 125V 2.00A [C,A]
3-F2A	*EF-308847	FUSE TSC 125V 1.60A [C,A]
3-F3A	*EF-308847	FUSE TSC 125V 1.60A [C,A]
3-F1B	*EF-623103	FUSE SEMKO T 1.00A 250V [E,V,S]
3-F2B	*EF-623103	FUSE SEMKO T 1.00A 250V [E,V,S]
3-F3B	*EF-623103	FUSE SEMKO T 1.00A 250V [E,V,S]
3-F1C	*EF-355226	FUSE BET T 1.00A 250V [B]
3-F2C	*EF-355226	FUSE BET T 1.00A 250V [B]
3-F3C	*EF-355226	FUSE BET T 1.00A 250V [B]

4. DOLBY P.C BOARD

Ref. No.	Part No.	Description
4-IC1	EI-349719	IC M5218P
4-IC2	EI-349719	IC M5218P
4-IC3	EI-349719	IC M5218P
4-IC4	EI-360227	IC MN3007
4-IC5	EI-360228	IC MN3101
4-IC6	EI-366038	IC NE645N
4-IC7	EI-349719	IC M5218P
4-R31	ER-324935	R CB H S15 FS RDS 1/2W 181J
4-VR1	EV-356577	R S-FIX H RH0615C14J 3P 103

5. FRONT (1) P.C BOARD

Ref. No.	Part No.	Description
5-D1	ED-360409	D PHOT PN323B
5-D2	ED-366023	D LED BR3665S RED
5-D3	ED-366023	D LED BR3665S RED
5-D4	ED-366023	D LED BR3665S RED
5-D5	ED-366023	D LED BR3665S RED
5-D6	ED-366023	D LED BR3665S RED
5-D7	ED-366023	D LED BR3665S RED
5-D8	ED-361885	D LED SLP284C-51U GREEN
5-D9	ED-361885	D LED SLP284C-51U GREEN
5-D10	ED-361885	D LED SLP284C-51U GREEN
5-D11	ED-361885	D LED SLP284C-51U GREEN
5-D12	ED-361885	D LED SLP284C-51U GREEN
5-D13	ED-361885	D LED SLP284C-51U GREEN
5-D14	ED-366020	D LED BG3665S GREEN
5-D15	ED-366020	D LED BG3665S GREEN
5-D16	ED-366020	D LED BG3665S GREEN
5-D17	ED-366020	D LED BG3665S GREEN
5-D18	ED-366020	D LED BG3665S GREEN
5-D19	ED-366023	D LED BR3665S RED
5-D20	ED-366023	D LED BR3665S RED
5-D21	ED-366023	D LED BR3665S RED
5-D22	ED-366020	D LED BG3665S GREEN
5-D23	ED-366020	D LED BG3665S GREEN
5-IC1	EI-356370	IC LA7224
5-IC2	EI-300042	IC M54519P
5-L1	EO-330719	COIL FIX 1 187LY-103K 103K
5-SW2	ES-349474	SW TACT SKHAM004A
5-SW3	ES-349474	SW TACT SKHAM004A
5-SW4	ES-349474	SW TACT SKHAM004A
5-SW5	ES-349474	SW TACT SKHAM004A
5-SW6	ES-349474	SW TACT SKHAM004A

Ref. No.	Part No.	Description
5-SW7	ES-349474	SW TACT SKHHAM004A
5-SW8	ES-349474	SW TACT SKHHAM004A
5-SW9	ES-349474	SW TACT SKHHAM004A
5-SW10	ES-349474	SW TACT SKHHAM004A
5-SW11	ES-349474	SW TACT SKHHAM004A
5-SW12	ES-349474	SW TACT SKHHAM004A
5-SW13	ES-349474	SW TACT SKHHAM004A
5-SW14	ES-349474	SW TACT SKHHAM004A
5-TR1	ET-308472	TR 2SA1115 E,F,G F05
5-TR2	ET-308141	TR 2SC2603 G F05
5-TR3	ET-308141	TR 2SC2603 G F05
5-VR1	EV-358539	VR SLIDE 25P1SV0F W105
5-VR2	EV-362442	VR SLIDE RS25112A9 C103X2

6. FRONT (2) P.C BOARD

Ref. No.	Part No.	Description
6-BT1	*EZ-358816	BATTERY LITHIUM BR2032-1HF
6-D1	ED-562397	D GERMA H 1S188FM1
6-D2	ED-562397	D GERMA H 1S188FM1
6-D4	ED-301911	D SILICON H DS448
6-D5	ED-346415	D ZENER H HZ2FA F10 C1
6-D6	ED-301911	D SILICON H DS448
6-D7	ED-301911	D SILICON H DS448
6-D8	ED-301911	D SILICON H DS448
6-D9	ED-301911	D SILICON H DS448
6-D10	ED-301911	D SILICON H DS448
6-D11	ED-301911	D SILICON H DS448
6-D12	ED-301911	D SILICON H DS448
6-D13	ED-301911	D SILICON H DS448
6-D14	ED-301911	D SILICON H DS448
6-D15	ED-301911	D SILICON H DS448
6-D16	ED-301911	D SILICON H DS448
6-D17	ED-301911	D SILICON H DS448
6-D18	ED-301911	D SILICON H DS448
6-IB1	EH-370493	COMP R RGLDX104J
6-IC1	EI-370312	IC A6003
6-IC2	EI-366037	IC BU4028B
6-IC3	EI-366037	IC BU4028B
6-IC4	EI-300042	IC M54519P
6-IC5	EI-300042	IC M54519P
6-IC6	EI-337013	IC LB1290
6-R13	ER-333034	R OMF H S20 FS 2W 122J
6-R16	ER-333034	R OMF H S20 FS 2W 122J
6-TR1	ET-308141	TR 2SC2603 G F05
6-TR2	ET-308141	TR 2SC2603 G F05
6-TR3	ET-308141	TR 2SC2603 G F05
6-TR4	ET-308141	TR 2SC2603 G F05
6-TR5	ET-308472	TR 2SA1115 E,F,G F05
6-X1	EI-348409	OSC CE CSB400P 0.4MHZ

7. POWER JUNCTION P.C BOARD

Ref. No.	Part No.	Description
7-C1	*EC-320548	C CE V F 103Z 250AC [U,J]
7-C1	*EC-338411	C CE V FZ 103P 400AC [C,A]
7-D1	ED-301911	D SILICON H DS448 [U,J,C,A]
7-L201	*EQ-338409	COIL LF FKOB160MH02 250UH
7-RL1	*EQ-347611	RELAY POWER G2R-1112PFD-V 1NO 12V [U,J,C,A]

8. JACK P.C BOARD

Ref. No.	Part No.	Description
8-P8	*EJ-366032	PIN J YKC21-5168 P 3P

9. DC CONTROL P.C BOARD

Ref. No.	Part No.	Description
9-J1	*EJ-366021	SOCKET INLET X-G9242#02 2P

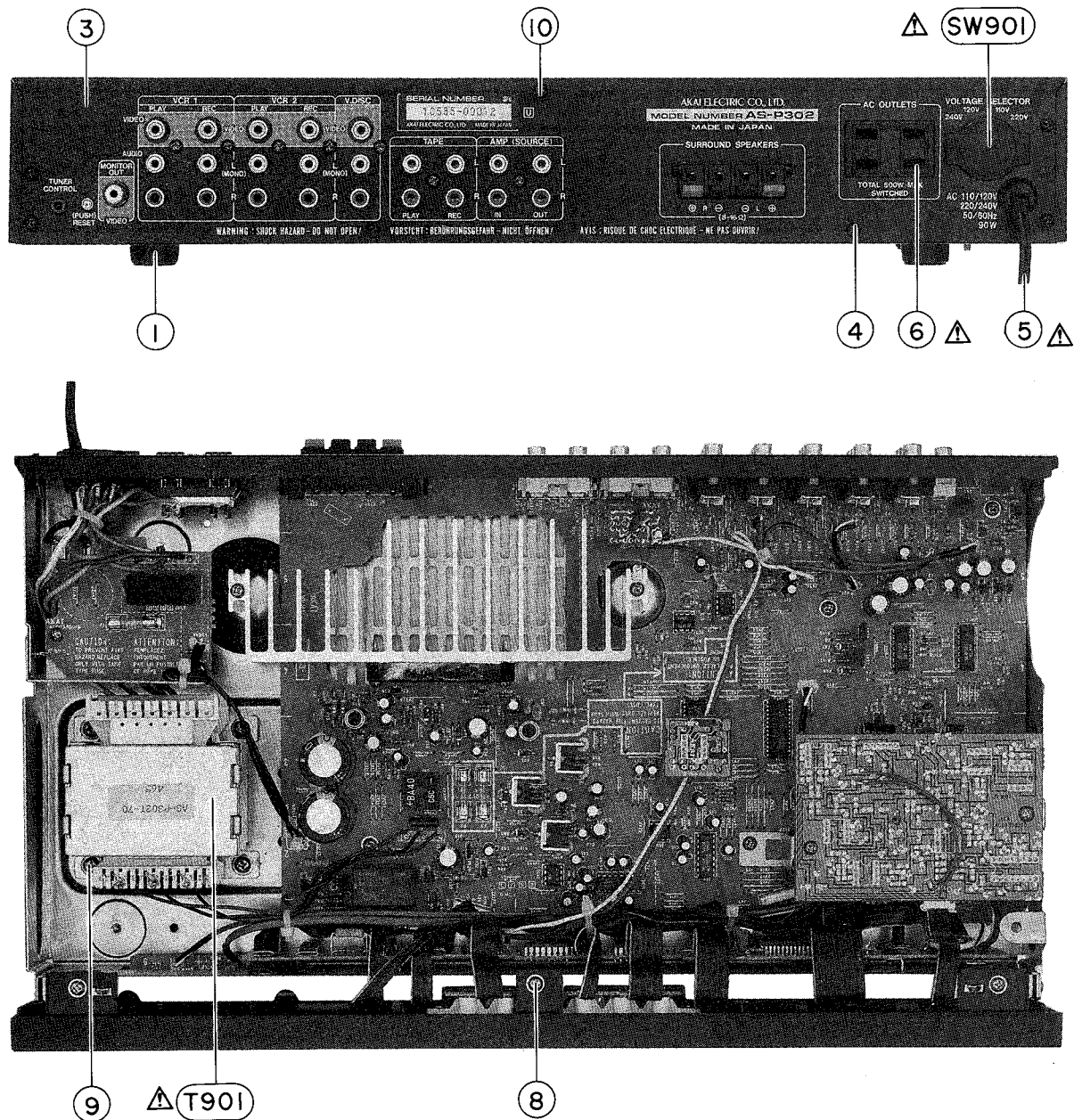
10. POWER SW P.C BOARD

Ref. No.	Part No.	Description
10-D1	ED-358087	D LED SLP-175B-50 RED
10-SW1	ES-359172	SW TACT SKHHAP

11. MAIN SUB P.C BOARD

Ref. No.	Part No.	Description
11-IC1	EI-349719	IC M5218P

ASSEMBLY BLOCK

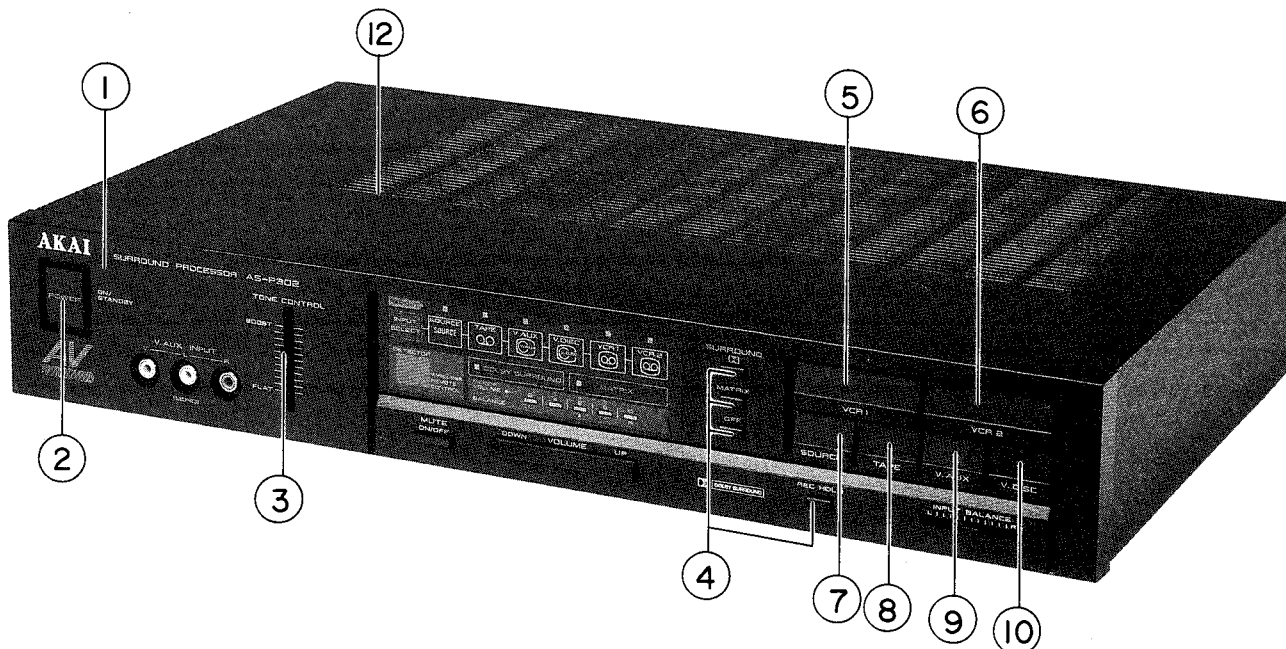


12. ASSEMBLY BLOCK

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
12-1	SA-332850	ROUND FOOT	12-5E	*EW-363882	AC CORD 200 KP560L TSA B070 A S
12-2X	ZS-498273	T2BR30X08STL CMT PW080 [FOOT FIX]	12-6	*EJ-346248	SOCKET OUTLET S2-732T-172 [U,U]
12-3	SP-365768B	PANEL REAR AS-P302(J)	12-6A	*EJ-349174	SOCKET OUTLET S2-732T-122 [C,A]
12-3A	SP-365768A	PANEL REAR AS-P302(U)	12-7X	ZW-698308	RV NYL30X055 BL
12-3B	SP-365768C	PANEL REAR AS-P302(A,C)	12-8	ZS-498273	T2BR30X08STL CMT PW080
12-3C	SP-365768D	PANEL REAR AS-P302(E,V)	12-9	ZS-346742	ST BID40X08STL CMT CUP [TRANS FIX]
12-3D	SP-365768E	PANEL REAR AS-P302(B,S)	12-10	ZS-308846	T2BR30X08STL BZN PROJECTION
12-4	ZS-308846	T2BR30X08STL BZN PROJECTION [REAR PANEL FIX]	12-SW901	*ES-349070	SW SELECTOR YKS11-0002 02-4 [U]
12-5	*EW-363710	AC CORD 200 KP211VFF B070 A J [J]	12-T901	*BT-366008	TRANS POWER AS-P302T-10(J)
12-5A	*EW-363841	AC CORD 200 KP700VFF B070 A U/T [U]	12-T901A	*BT-366007	TRANS POWER AS-P302T-70(U)
12-5B	*EW-363815	AC CORD 200 KP-8WSPT2 B070 A UC [C,A]	12-T901B	*BT-366009	TRANS POWER AS-P302T-30(C)
12-5C	*EW-363854	AC CORD 200 KP419LTCE B070 A EV [E,V]	12-T901C	*BT-366010	TRANS POWER AS-P302T-20(A)
12-5D	*EW-363867	AC CORD 200 LTBS B070 A B [B]	12-T901D	*BT-366011	TRANS POWER AS-P302T-40(E,V)
			12-T901E	*BT-366012	TRANS POWER AS-P302T-50(B,S)

PARTS LIST

FINAL ASSEMBLY BLOCK



13. FINAL ASSEMBLY BLOCK

Ref. No.	Part No.	Description
13-1	BD-A6003A050A	PANEL FRONT BLK AS-P302
13-1-B	BD-A6003A050B	PANEL FRONT BLK AS-P302-B
13-2	SK-343017C	KNOB POWER (2)
13-2-B	SK-343017F	KNOB POWER-B
13-3	SK-363999	KNOB EQ
13-3-B	SK-363999B	KNOB EQ-B
13-4	SK-365781A	KNOB SURROUND
13-4-B	SK-365781B	KNOB PUSH-B
13-5	SK-361876E	KNOB SELECTOR (B) VCR1
13-5-B	SK-361876G	KNOB SELECTOR (B)-B VCR1
13-6	SK-361876F	KNOB SELECTOR (B) VCR2
13-6-B	SK-361876H	KNOB SELECTOR (B)-B VCR2
13-7	SK-366381R	KNOB SELECTOR SOURCE
13-7-B	SK-361870P	KNOB SELECTOR (A)-B SOURCE
13-8	SK-366381Q	KNOB SELECTOR TAPE
13-8-B	SK-361870G	KNOB SELECTOR (A)-B TAPE
13-9	SK-361870M	KNOB SELECTOR (A) V.AUX
13-9-B	SK-361870Q	KNOB SELECTOR (A)-B V.AUX
13-10	SK-366381S	KNOB SELECTOR V.DISC
13-10-B	SK-361870R	KNOB SELECTOR (A)-B V.DISC
13-11	SK-358477C	KNOB(C-3)
13-11-B	SK-358477A	KNOB(C-1)
13-12	SP-356479	COVER UPPER
13-12-B	SP-356479B	COVER UPPER-B
13-13X	EW-369331-A	CORD SAE-056 MINI-MINI/1M
13-14X	AV-315170	CORD RR-165 PIN-PIN/2P

14. REMOTE CONTROL UNIT RC-P302

Ref. No.	Part No.	Description
14-1	AX-362559	REMOCON RC-P302N WIRELESS(T)
		[J]
14-1-A	AX-366022	REMOCON RC-P302 WIRELESS(T)
		[U.C.A.E.V.B.S]
14-1-A-B	AX-362558	REMOCON RC-P302-B WIRELESS(T)
		[U.C.A.E.V.B.S]
14-IC1	EI-749983	IC UPD1943G
14-TR1	ET-318603	TR 2SD545NP F
14-D1	ED-714631	D LED TLN105A
14-D3	ED-718039	D SILICON DAN201
14-D4	ED-718039	D SILICON DAN201
14-X1	EI-749984	OSC CE KBR455BAT 455KHZ
14-2	SC-718689	COVER BATTERY
14-2-B	SC-718690	COVER BATTERY-B

SYMBOL FOR COLOR VARIATION

NON: SILVER
B: BLOCK

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AV-315170	9-12X	ED-366337	4-D7	ES-349367	6-SW1	SK-366381U	9-6
AX-369241	10-1	ED-366337	4-D8	ES-349367	6-SW2	SP-361850A-A	8-5
AX-369242	10-1-B	ED-366337	4-D9	ES-349367	6-SW3	SP-361850B-A	8-5-B
BA-A6004A020A	2-1A	ED-366337	4-D10	ES-349464	37	SP-361851A-A	8-6
BA-A6004A020B	2-1B	ED-366337	4-D11	ES-349464	3-SW3	SP-361851B-A	8-6-B
BA-A6004A020C	2-1C	ED-366337	4-D12	ES-359172	39	SP-369057A	8-1A
BC-358993A	9-10	ED-366337	4-D13	ES-359172	5-SW1	SP-369057B	8-1B
BC-358993G	9-10-B	ED-366337	4-D14	ES-359172	5-SW2	SP-369057C	8-1C
BD-A6004A050A	9-1	ED-366337	4-D15	ES-359172	5-SW3	SP-369057D	8-1D
BD-A6004A050B	9-1-B	ED-562397	4	ES-359172	5-SW4	ZG-369058	9-9X
BT-369237	3	ED-562397	3-D22	ES-359172	5-SW5	ZG-369059	9-7X
BT-369237	8-T901A	ED-562397	3-D23	ES-359172	7-SW1	ZW-698308	8-4
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BT-369238	8-T901B	ED-714631	10-D1	ES-359218	3-SW1		
BT-369239	8-T901C	ED-718039	8	ET-308141	50		
BT-369240	1	ED-718039	10-D3	ET-308141	3-TR4		
BT-369240	8-T901D	ED-718039	10-D4	ET-308141	3-TR5		
EC-316186	3-C55	EF-315334	20	ET-308141	3-TR6		
EC-316186	3-C56	EF-315334	3-F1B	ET-308141	3-TR7		
EC-316188	3-C61	EF-321323	19	ET-308141	3-TR8		
EC-316188	3-C62	EF-321323	3-F1A	ET-308141	3-TR11		
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ED-301911	3-D2	EI-300042	3-IC15	ET-322598	49		
ED-301911	3-D3	EI-337013	25	ET-322598	3-TR22		
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ED-301911	3-D8	EI-337228	3-IC16	ET-354414	44		
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ED-301911	3-D13	EI-349719	28	ET-360399	3-TR3		
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ED-349662	9	EJ-366021	3-J8	EW-363845	8-2A		
ED-349662	3-D34	EJ-366329	3-P1	EW-363859	8-2C		
ED-349662	3-D35	EJ-366331	3-P3	EW-363873	8-2D		
ED-349662	3-D36	EJ-366338	4-TM1	EW-363886	8-2E		
ED-349662	3-D37	EJ-369243	3-P4	EW-369331-A	9-11X		
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ED-361885	5-D4	ER-302241	3-R112	SK-361870P	9-2-B		
ED-361885	5-D5	ER-318647	36	SK-361870R	9-4-B		
ED-361885	5-D6	ER-318647	3-FR1	SK-366381B	9-5-B		
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BA-A6005A020D	2-1C	ET-349606	26				
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BT-369317	2	ET-350795	27				
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ED-301911	6	ET-360646	3-TR26				
ED-301911	3-D2	ET-364060	3-TR15				
ED-301911	3-D3	ET-364060	3-TR16				
ED-301911	3-D8	ET-364060	3-TR17				
ED-324526	7	ET-364093	21				
ED-324526	3-D4	ET-364093	3-TR13				
ED-324526	3-D5	ET-366365	23				
ED-345555	4	ET-366365	3-TR12				
ED-345555	5-D101	ET-366581	29				
ED-346461	8	ET-366581	3-TR11				
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ED-346461	3-D7	EV-338588	3-VR1				
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ED-361885	5	EV-369327	6-VR201				
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ED-361885	4-D307	SK-343017F	8-8-B				
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EF-321323	5-F101A	SK-366381H	8-5				
EF-321323	5-F102A	SK-366381K	8-2-B				
EF-339905	10	SK-366381L	8-3-B				
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EF-339905	5-F102C	SK-366381N	8-5-B				
EF-365409	9	SK-366381Q	8-6				
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EJ-336905	3-J2	SP-369071D	7-1C				
EJ-369321	3-P1	SP-369071E	7-1D				
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BA-A6003A030A	2-2	ED-348990	15	EI-349719	4-IC7	ES-349474	5-SW3
BA-A6003A030B	2-2A	ED-348990	3-D15	EI-349719	11-IC1	ES-349474	5-SW4
BA-A6003A040A	2-3	ED-358087	11	EI-351966	44	ES-349474	5-SW5
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EC-338411	7-C1	ED-366020	5-D22	EI-366014	3-IC13	ET-308141	3-TR3
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ED-301911	6-D10	ED-718039	14-D4	EJ-366032	8-P8	ET-308141	5-TR2
ED-301911	6-D11	EF-306950	27	EJ-366034	3-P2	ET-308141	5-TR3
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ED-319167	3-D8	EF-623103	3-F2B	ER-200972	54	ET-344176	3-TR26
ED-329056	20	EF-623103	3-F3B	ER-200972	3-FR6	ET-347026	3-TR25
ED-329056	3-D10	EH-370493	6-B1	ER-200972	3-FR7	ET-349882	66
ED-344280	17	EI-300042	39	ER-311685	3-R81	ET-349882	3-TR23
ED-344280	3-D1	EI-300042	40	ER-311685	3-R82	ET-349883	69
ED-344280	3-D2	EI-300042	5-IC2	ER-318248	55	ET-349883	3-TR20
ED-344280	3-D9	EI-300042	6-IC4	ER-318248	3-FR8	ET-354414	63
ED-344280	3-D16	EI-300042	6-IC5	ER-323074	3-R100	ET-354414	3-TR17
ED-344280	3-D17	EI-332259	42	ER-323074	3-R101	ET-354414	3-TR19
ED-344280	3-D18	EI-332259	3-IC10	ER-324935	3-R85	ET-370310	64
ED-344280	3-D20	EI-337013	34	ER-324935	4-R31	ET-370310	3-TR30
ED-344280	3-D21	EI-337013	6-IC6	ER-328278	56	ET-370310	3-TR31
ED-344280	3-D24	EI-348409	47	ER-328278	3-FR2	ET-370310	3-TR32
ED-344280	3-D25	EI-348409	6-X1	ER-328278	3-FR3	ET-370311	62
ED-344280	3-D26	EI-349392	3-IC4	ER-333034	6-R13	ET-370311	3-TR33
ED-344280	3-D29	EI-349719	37	ER-333034	6-R16	EV-356577	4-VR1
ED-344280	3-D30	EI-349719	38	ER-345751	52	EV-358539	74

PARTS LIST

Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.
EV-358539	5-VR1						
EV-362442	73						
EV-362442	5-VR2						
EW-363710	12-5						
EW-363815	12-5B						
EW-363841	12-5A						
EW-363854	12-5C						
EW-363867	12-5D						
EW-363882	12-5E						
EW-369331-A	13-13X						
EZ-358816	6-BT1						
SA-332850	12-1						
SC-718689	14-2						
SC-718690	14-2-B						
SK-343017C	13-2						
SK-343017F	13-2-B						
SK-358477A	13-11-B						
SK-358477C	13-11						
SK-361870G	13-8-B						
SK-361870M	13-9						
SK-361870P	13-7-B						
SK-361870Q	13-9-B						
SK-361870R	13-10-B						
SK-361876E	13-5						
SK-361876F	13-6						
SK-361876G	13-5-B						
SK-361876H	13-6-B						
SK-363999	13-3						
SK-363999B	13-3-B						
SK-365781A	13-4						
SK-365781B	13-4-B						
SK-366381Q	13-8						
SK-366381R	13-7						
SK-366381S	13-10						
SP-356479	13-12						
SP-356479B	13-12-B						
SP-365768A	12-3A						
SP-365768B	12-3						
SP-365768C	12-3B						
SP-365768D	12-3C						
SP-365768E	12-3D						
ZS-308846	12-4						
ZS-308846	12-10						
ZS-346742	12-9						
ZS-498273	12-2X						
ZS-498273	12-8						
ZW-698308	12-7X						

AKAI

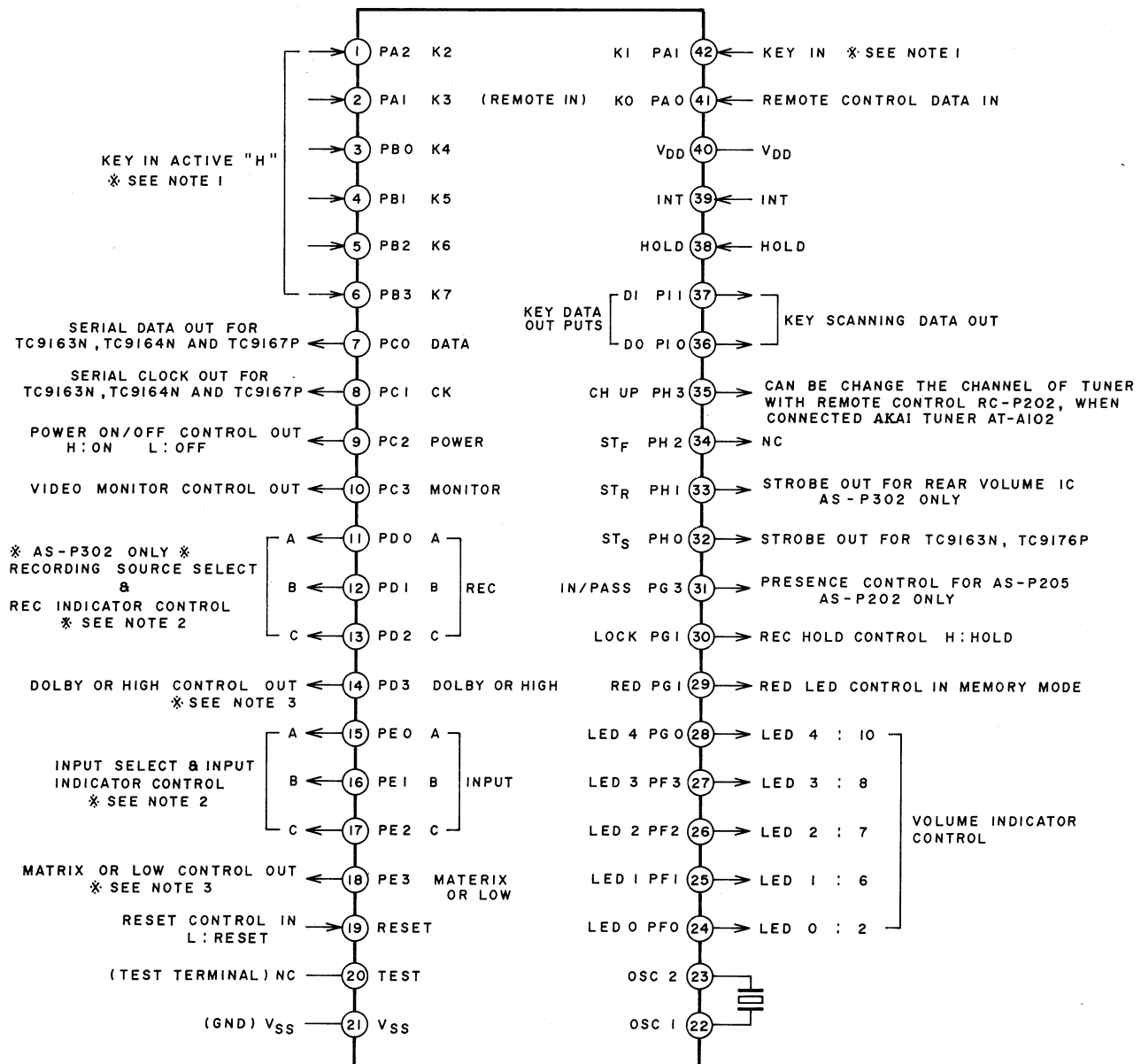
MODEL AS-P202/P205/P302

SCHEMATIC DIAGRAM AND PC BOARDS

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A6003 (SYSTEM CONTROL CPU 1 CHIP 4BITS)



* Note 1 INPUT KEY

Pin No.	AS-P202	AS-P302
1	MUTE	V. AUX, SURROUND
2	VOLUME DOWN	SOURCE, MATRIX
3	VOLUME UP	VOLUME UP, OFF
4	VCR 1, SOURCE	VOLUME DOWN, VCR 1
5	TAPE	MUTE, TAPE
6	VCR 2, V.DISC	LOCK, VCR 2
42	POWER	POWER, V.DISC, RESET

* Note 2
TRUTH TABLE

A	B	C	MODE
1	0	1	SOURCE
0	1	0	TAPE
1	1	1	V. DISC
0	1	1	VCR 1
1	1	0	VCR 2

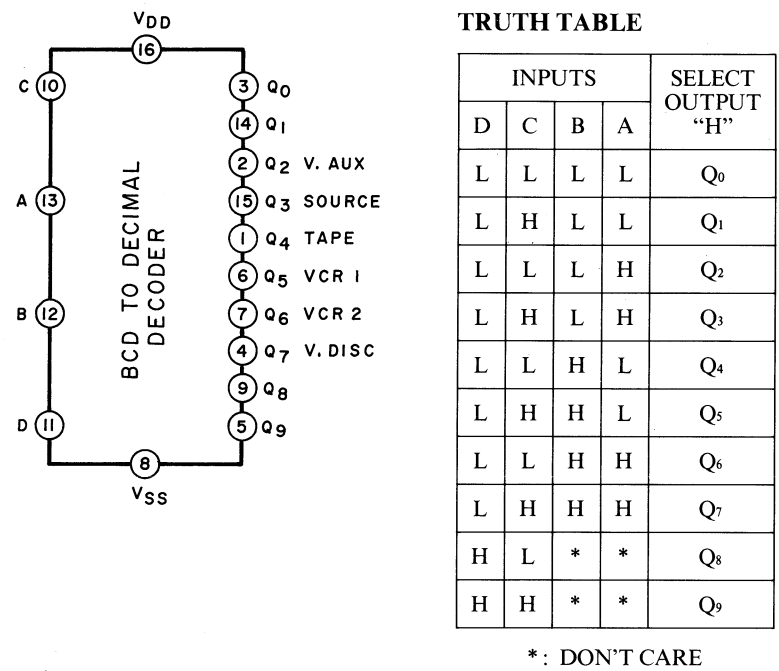
* Note 3
AS-P202

MODE OUTPUT	HIGH	LOW	OFF
HIGH Pin ⑭	H	L	L
LOW Pin ⑱	L	H	L

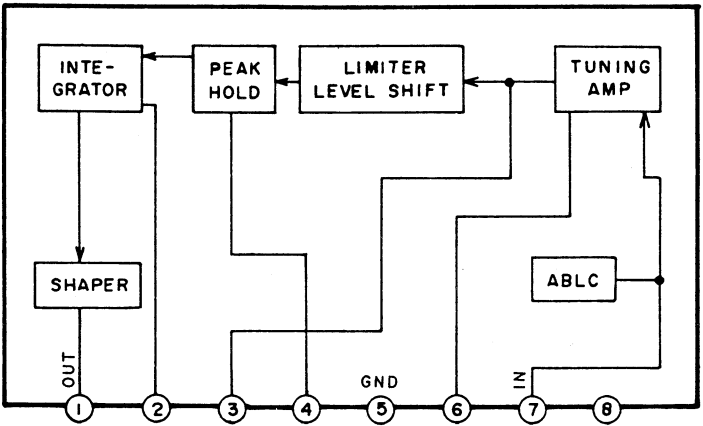
AS-P302

MODE OUTPUT	PRESENCE (1)	PRESENCE (2)	OFF
SURROUND DOLBY Pin ⑭	H	L	L
MATRIX Pin ⑱	L	H	L

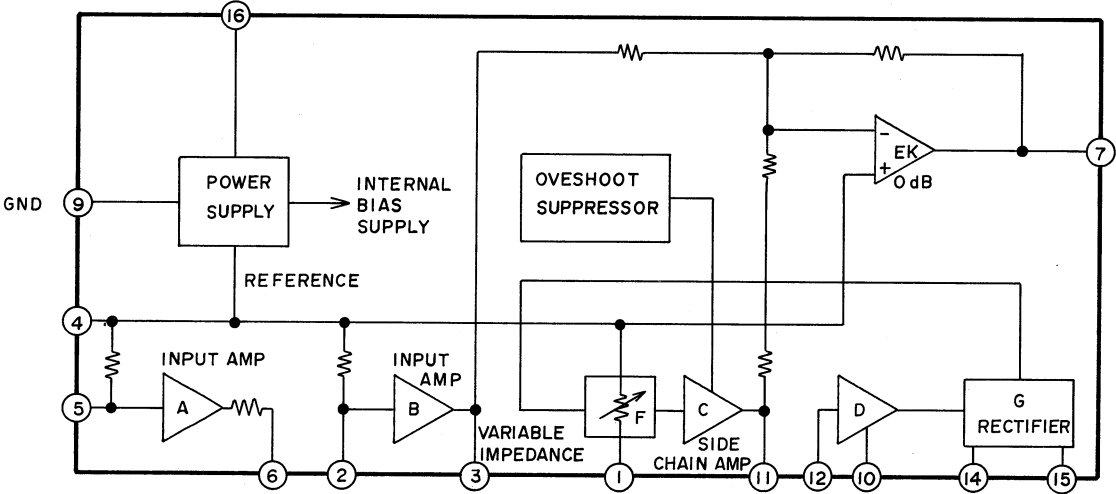
BU4028B (BCD TO DEMICAL DECODER)



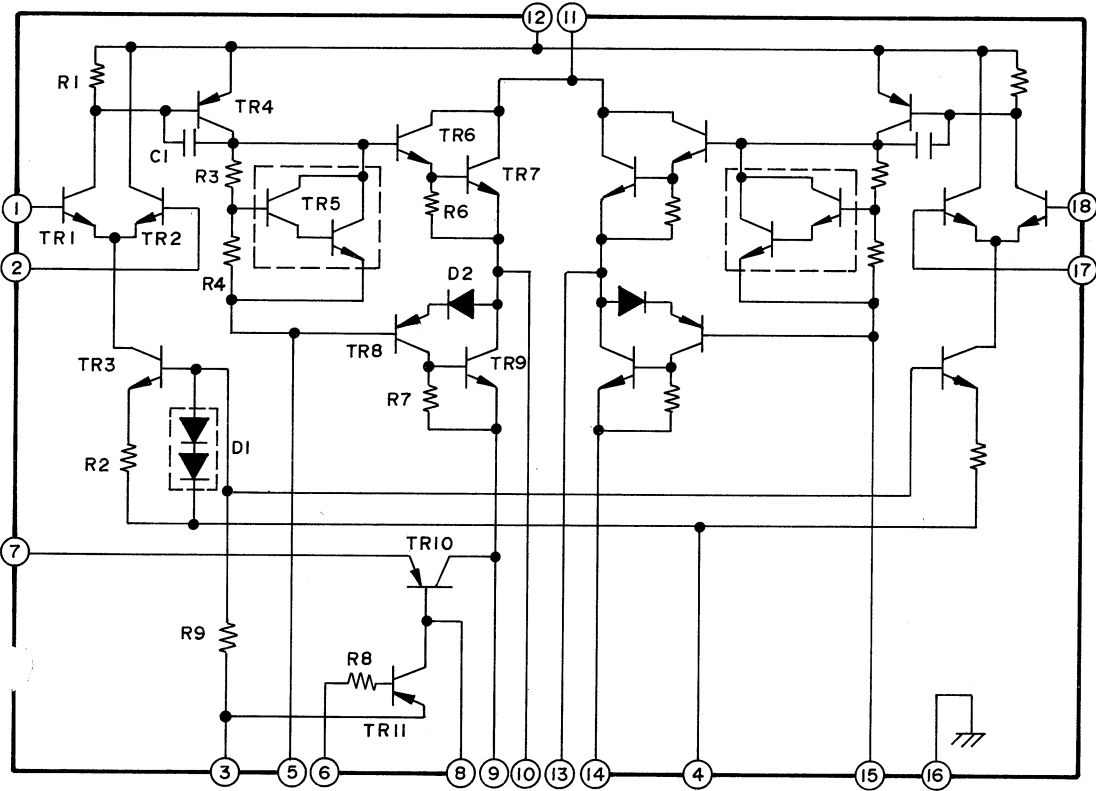
LA7224 (REMOTE CONTROL SIGNAL RECEIVER/AMPLIFIER)



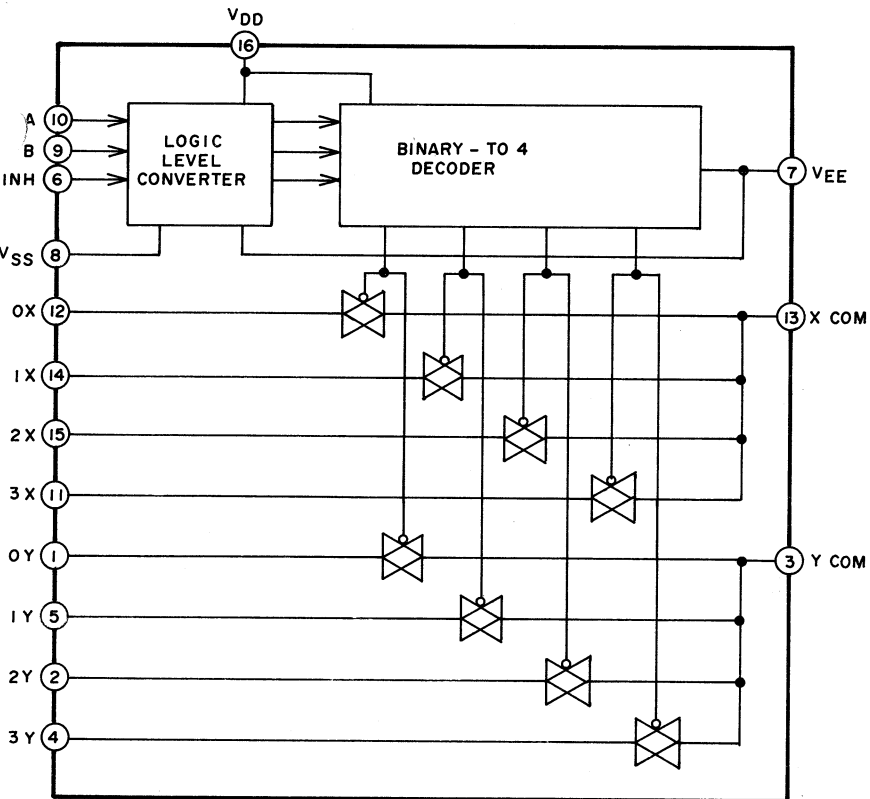
NE645 (DOLBY NOISE REDUCTION)



STK4131 II (2 POWER 2 CHANNEL AF POWER AMP)



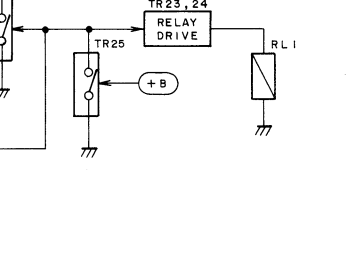
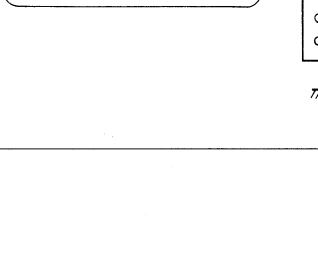
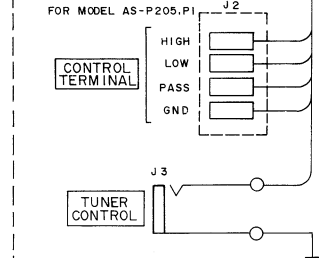
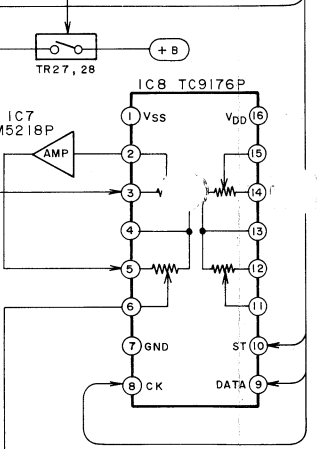
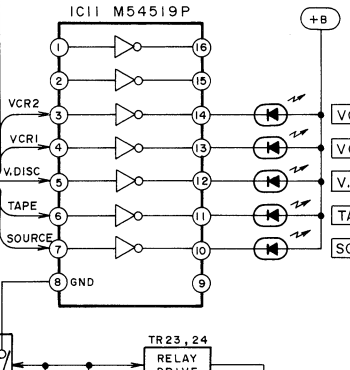
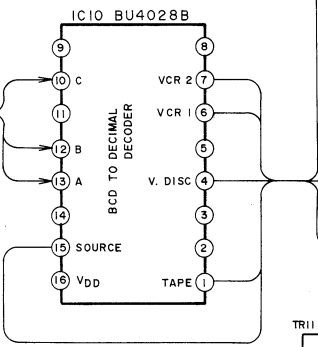
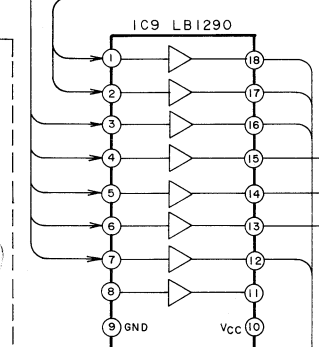
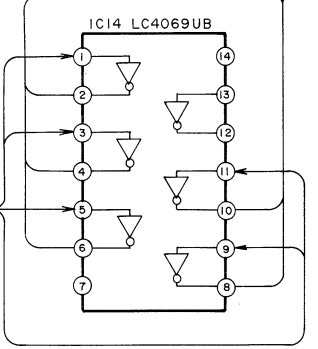
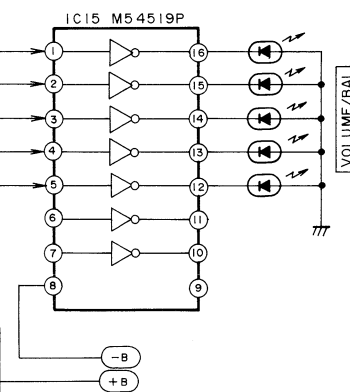
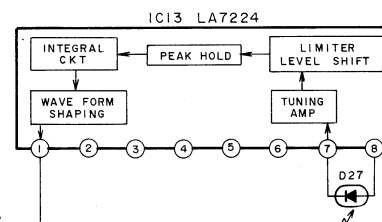
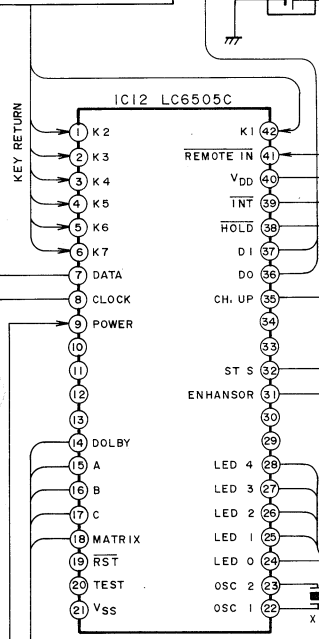
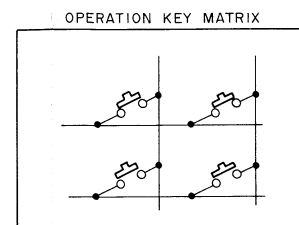
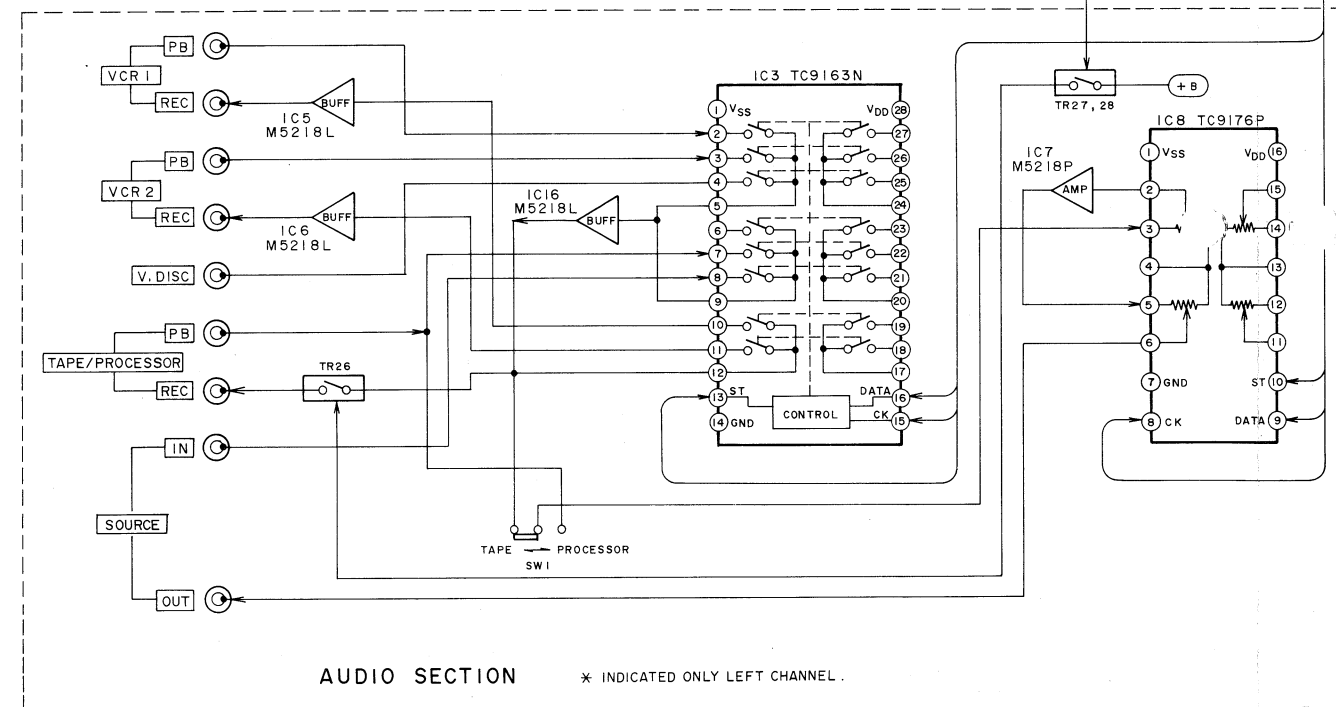
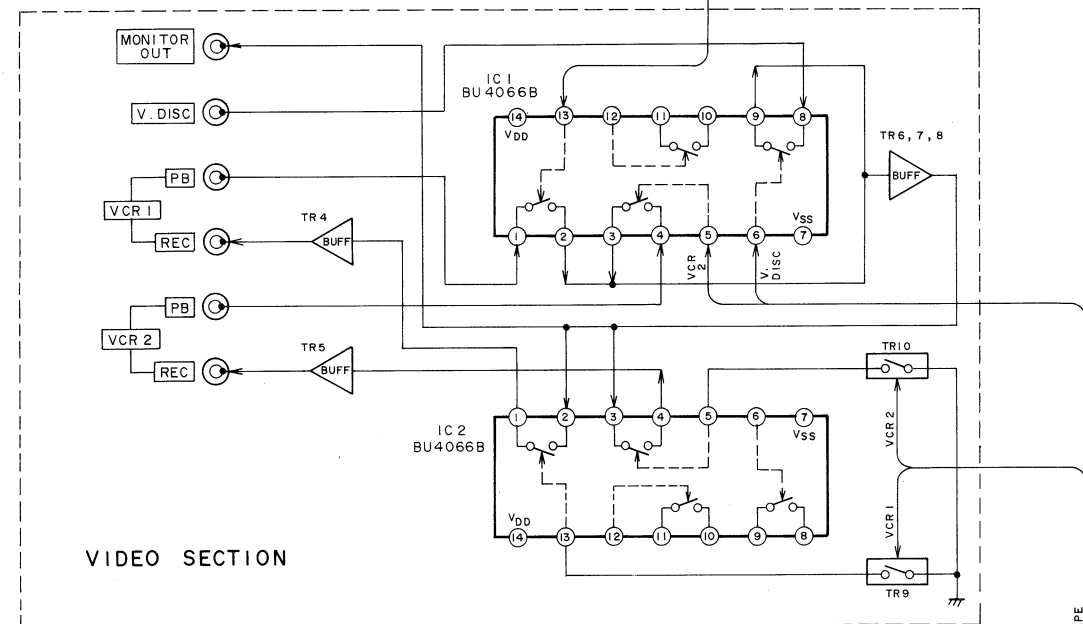
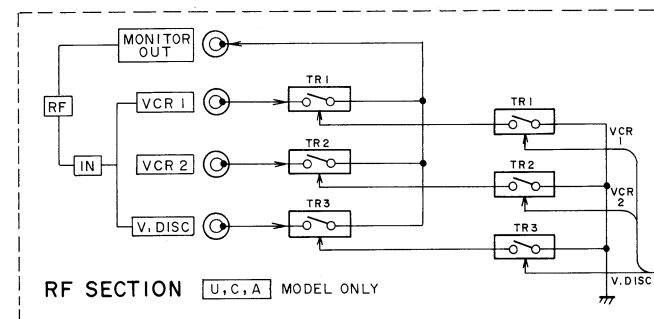
TC4052BP (DIFFERENTIAL 4CHANNEL MULTIPLEXER/DEMULTIPLEXER)



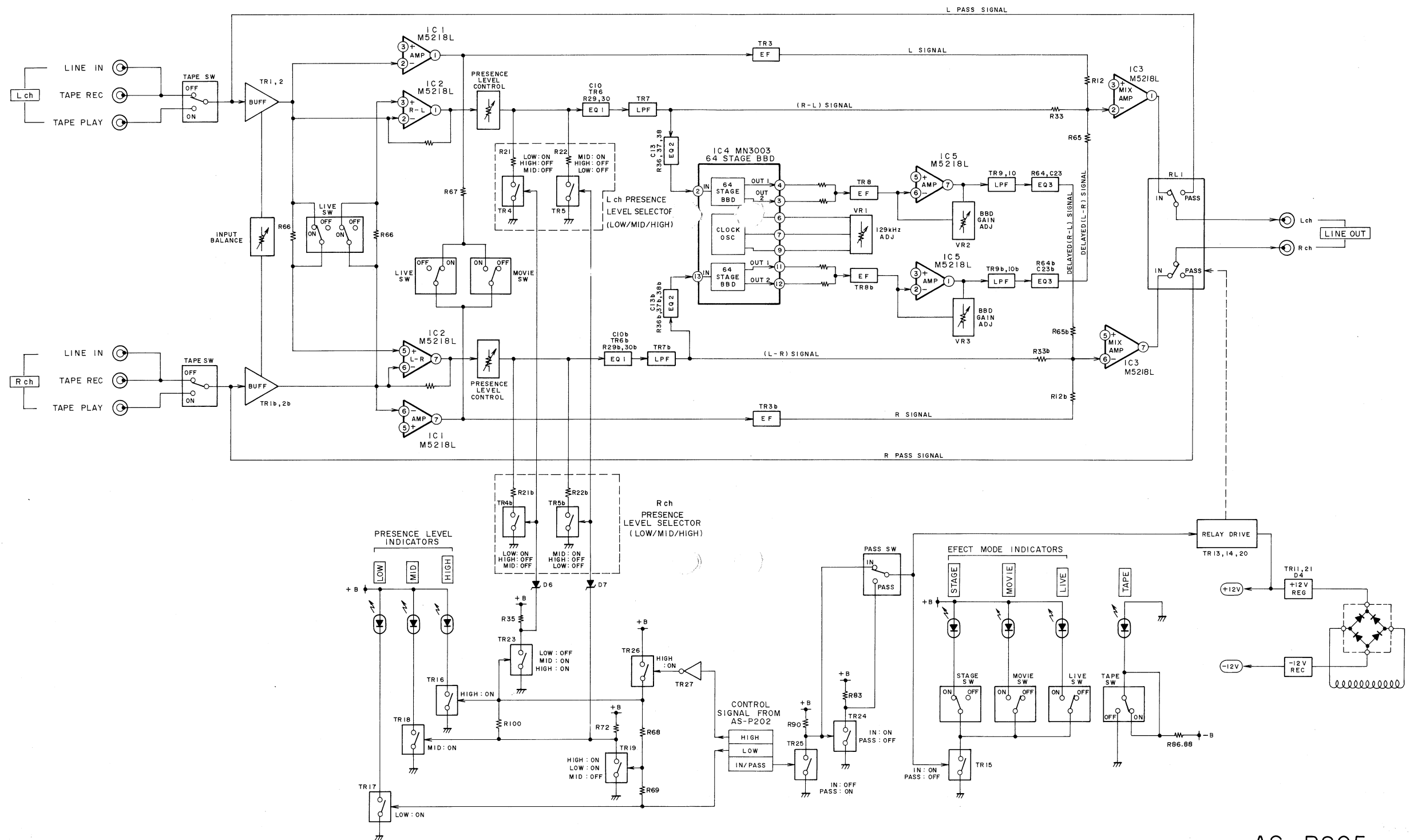
CONTROL INPUTS			"ON" CHANNEL
INH	A	B	
L	L	L	0X, 0Y
L	H	L	1X, 1Y
L	L	H	2X, 2Y
L	H	H	3X, 3Y
H	*	*	NOTE

* don't care

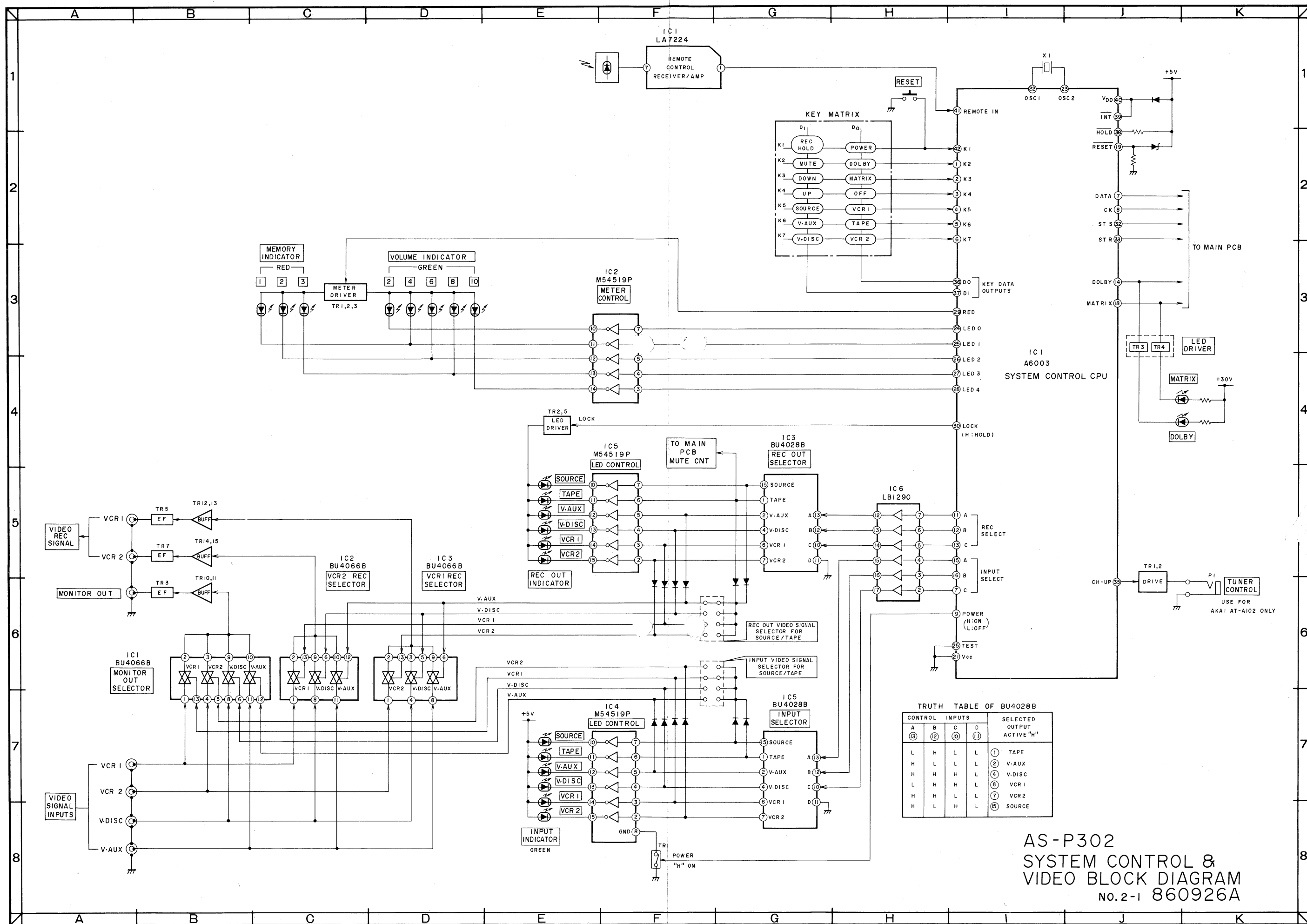
AS-P202



AS-P202
BLOCK DIAGRAM
No. 860924A (A2)



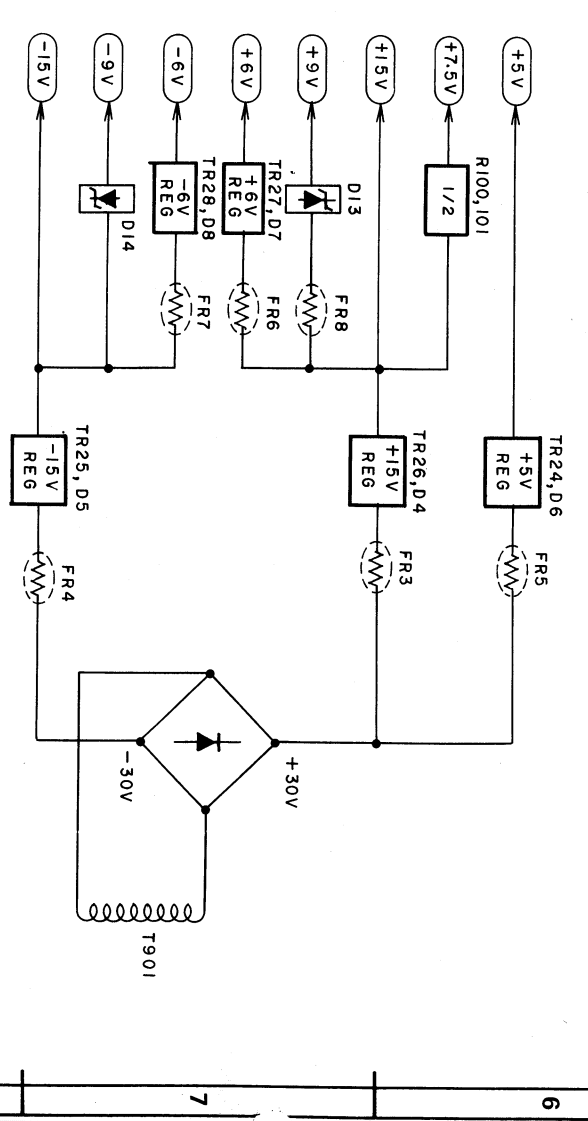
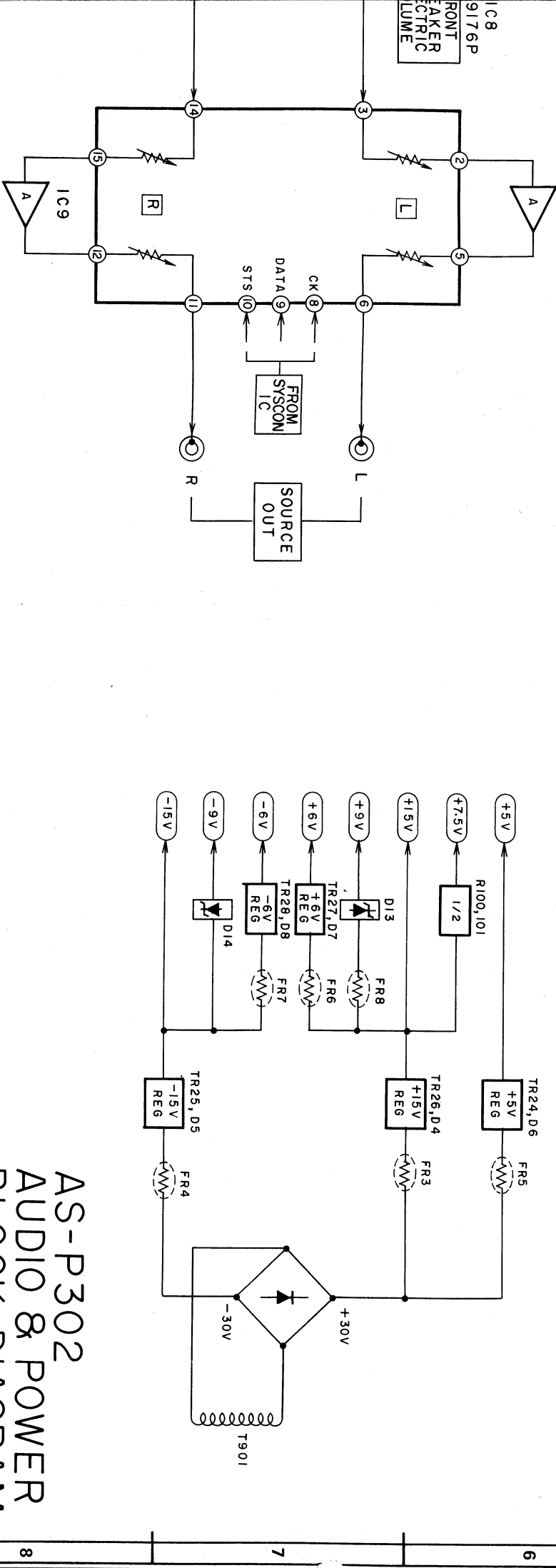
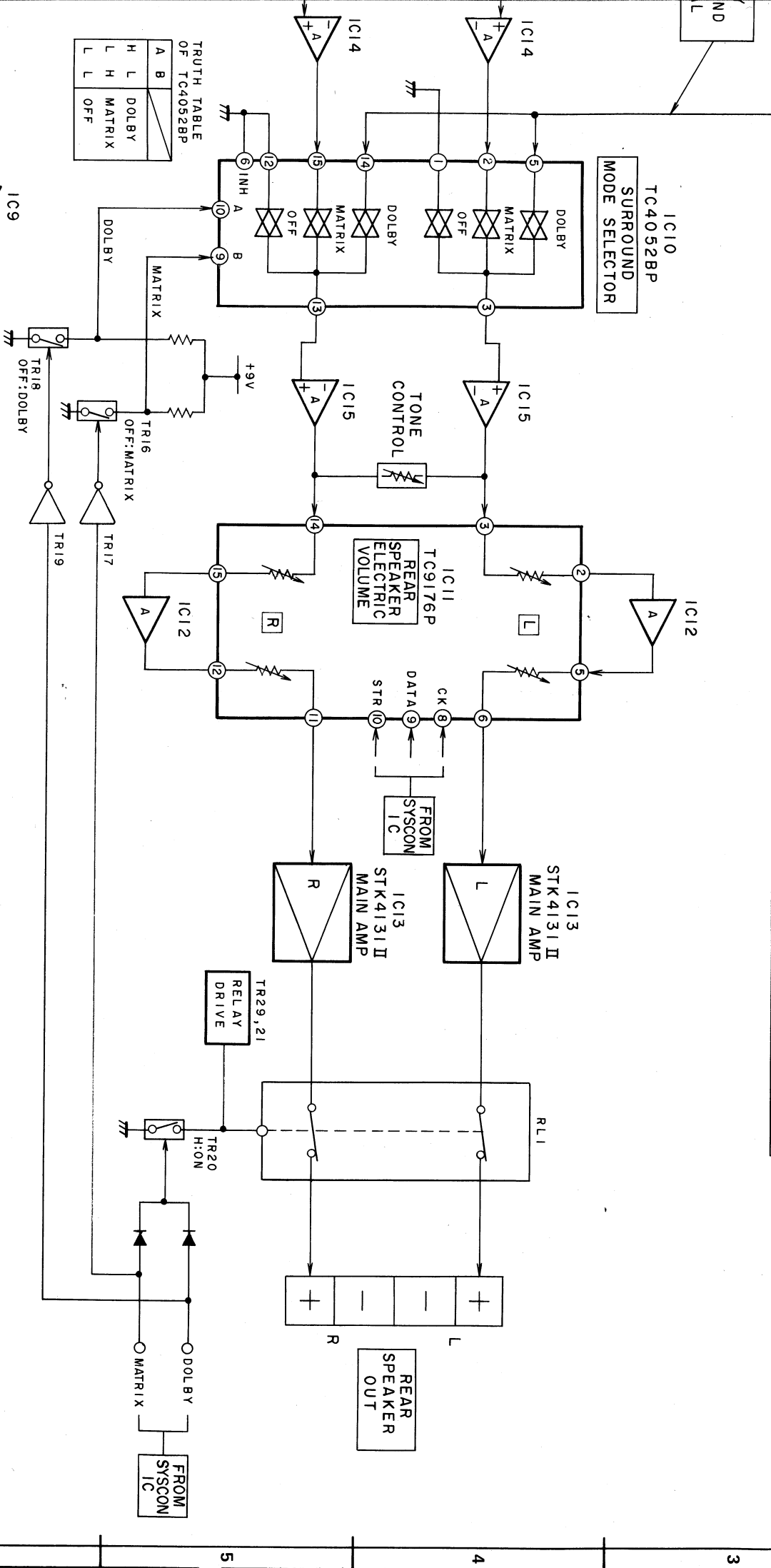
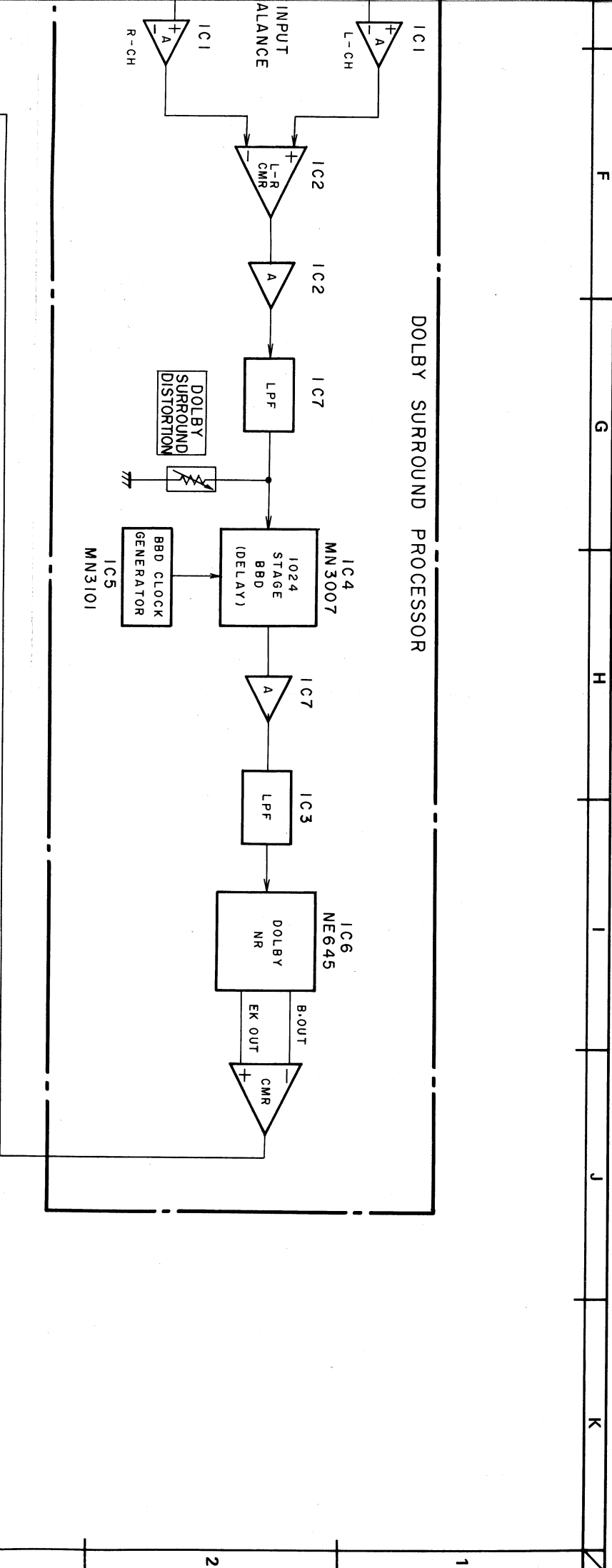
AS-P205
BLOCK DIAGRAM
No. 860925A (A2)



TRUTH TABLE OF BU4028B

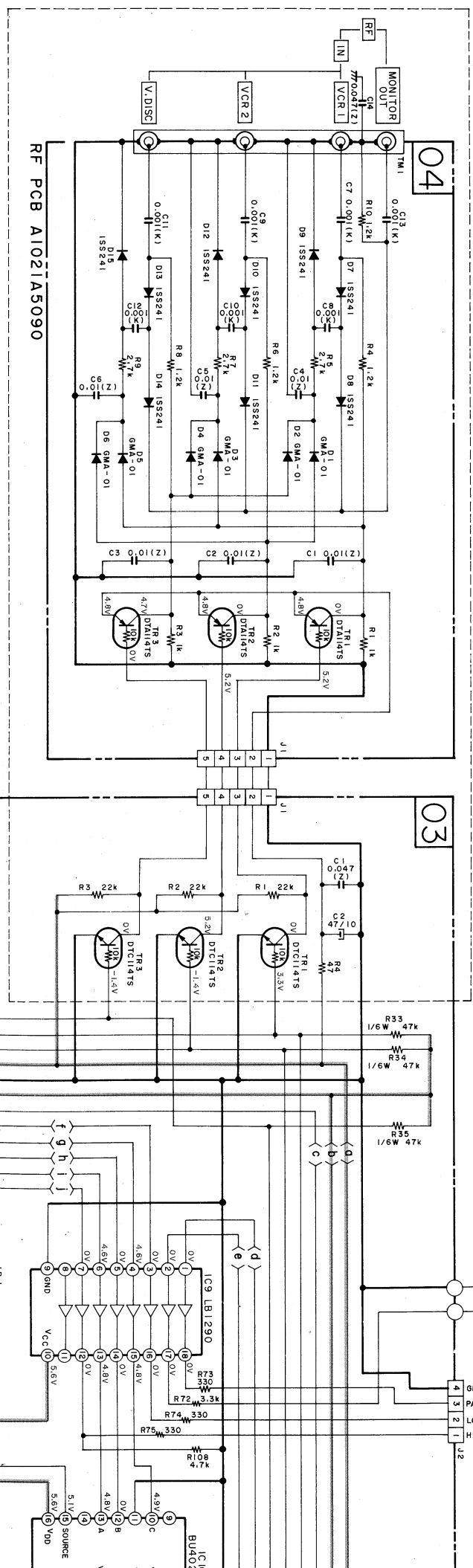
CONTROL INPUTS				SELECTED OUTPUT ACTIVE "H"
A (15)	B (12)	C (10)	D (11)	
L	H	L	L	(1) TAPE
H	L	L	L	(2) V-AUX
H	H	L	L	(4) V-DISC
L	H	H	L	(6) VCR 1
H	H	L	L	(7) VCR 2
H	L	H	L	(5) SOURCE

AS-P302
SYSTEM CONTROL &
VIDEO BLOCK DIAGRAM
No.2-1 860926A

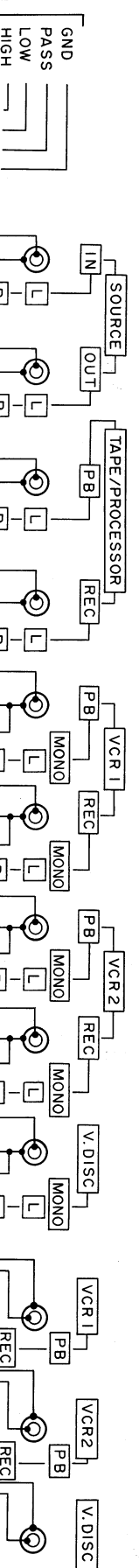


AS-P302
AUDIO & POWER
BLOCK DIAGRAM
No.2-2 860927A

U.C.I.A MODEL ONLY

TUNER CONTROL
CONTROL
TERMINALFOR MODEL AS-P205
P1

CONTROL
TERMINAL
FOR MODEL
ASP-205 PI



LOCATION OF ICS

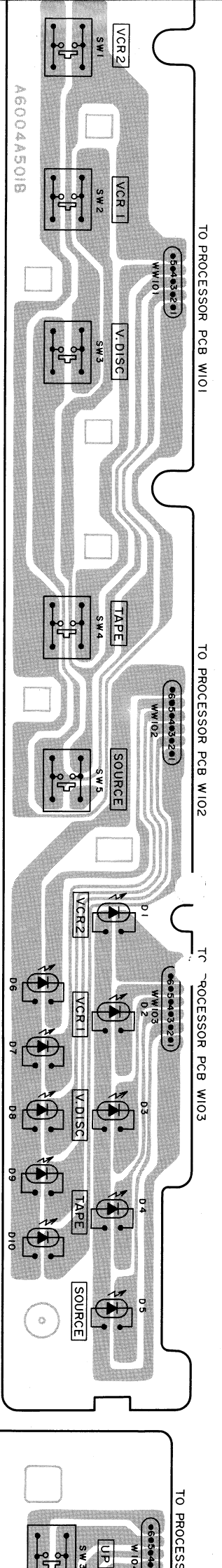
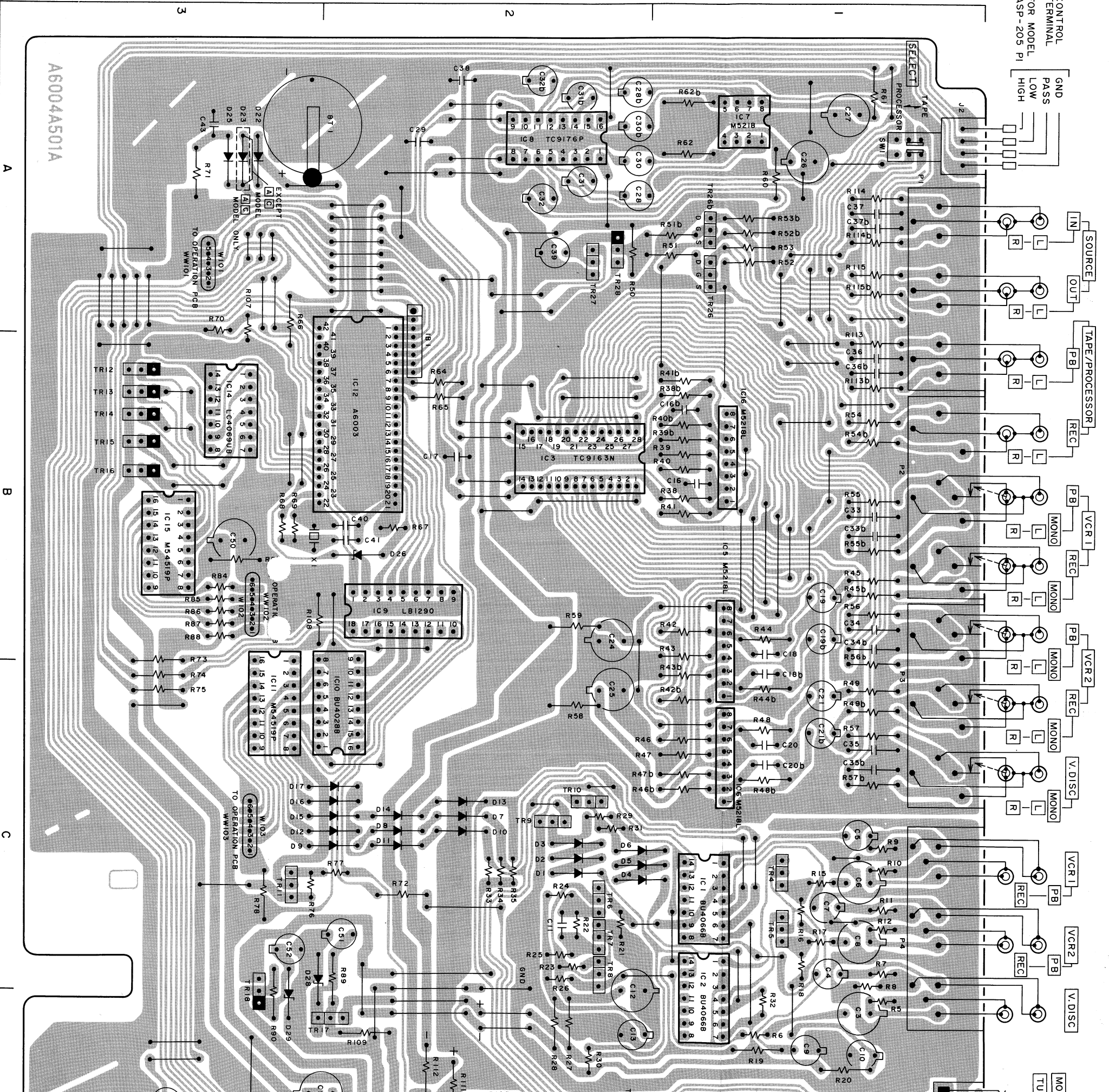
- IC 1.....C1
- IC 2.....D1
- IC 3.....B2
- IC 5.....C1
- IC 6.....C1
- IC 7.....A1
- IC 8.....A2
- IC 9.....B2
- IC 10.....C2
- IC 11.....C3
- IC 12.....B2
- IC 13.....D3
- IC 14.....B3
- IC 15.....B3
- IC 16.....B1

LOCATION OF TRS

- TR 1.....D1
- TR 2.....D1
- TR 3.....D1
- TR 4.....C1
- TR 5.....C1
- TR 6.....C2
- TR 7.....C2
- TR 8.....C2
- TR 9.....C2
- TR 10.....C2
- TR 11.....C3
- TR 12.....B3
- TR 13.....B3
- TR 14.....B3
- TR 15.....B3
- TR 16.....B3
- TR 17.....D2
- TR 18.....D3
- TR 19.....D2
- TR 20.....D3
- TR 21.....D2
- TR 22.....D2
- TR 23.....D2
- TR 24.....D2
- TR 25.....D2
- TR 26.....A1
- TR 27.....A1
- TR 28.....A2
- TR 28.....A2

PNP TRANSISTOR
NPN TRANSISTOR
FET

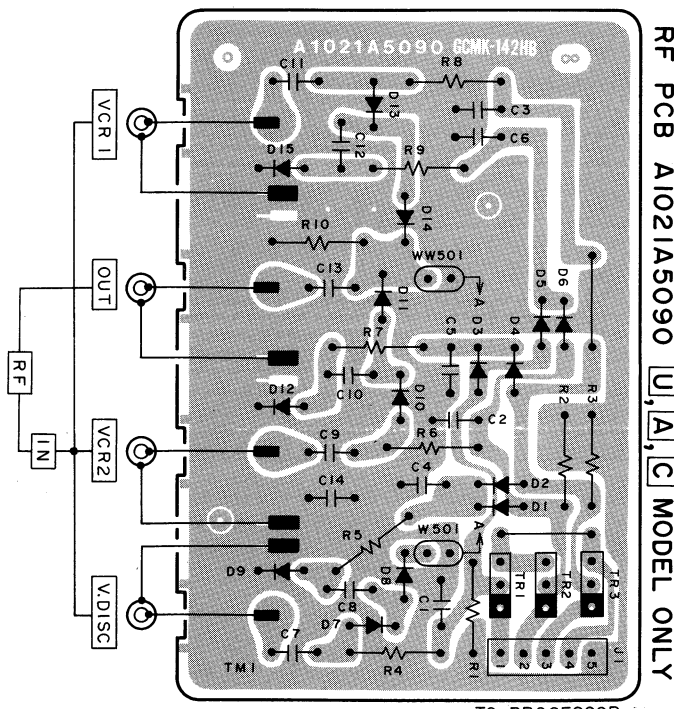
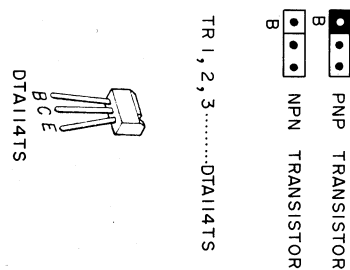
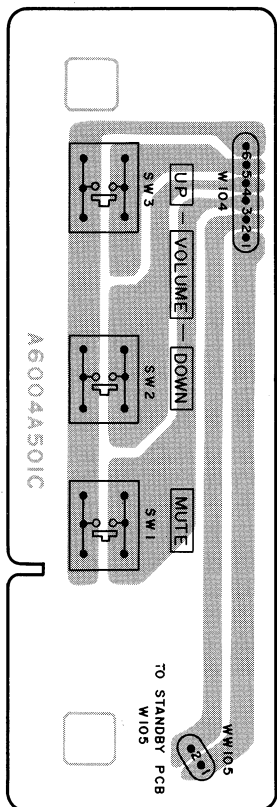
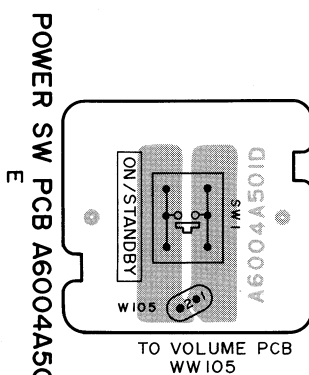
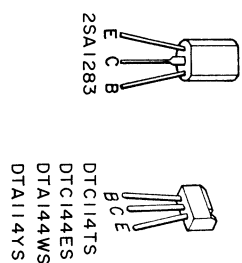
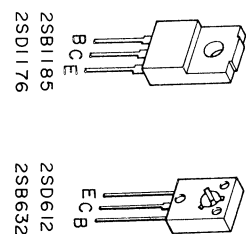
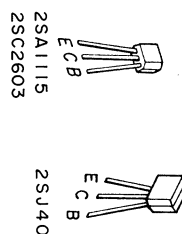
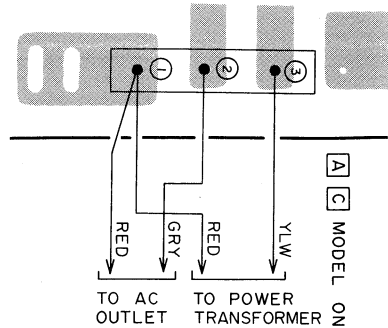
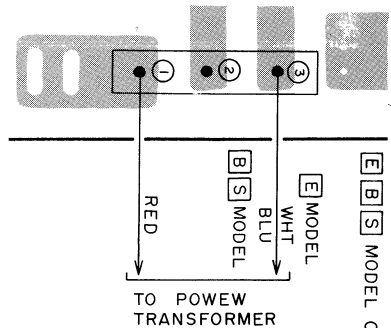
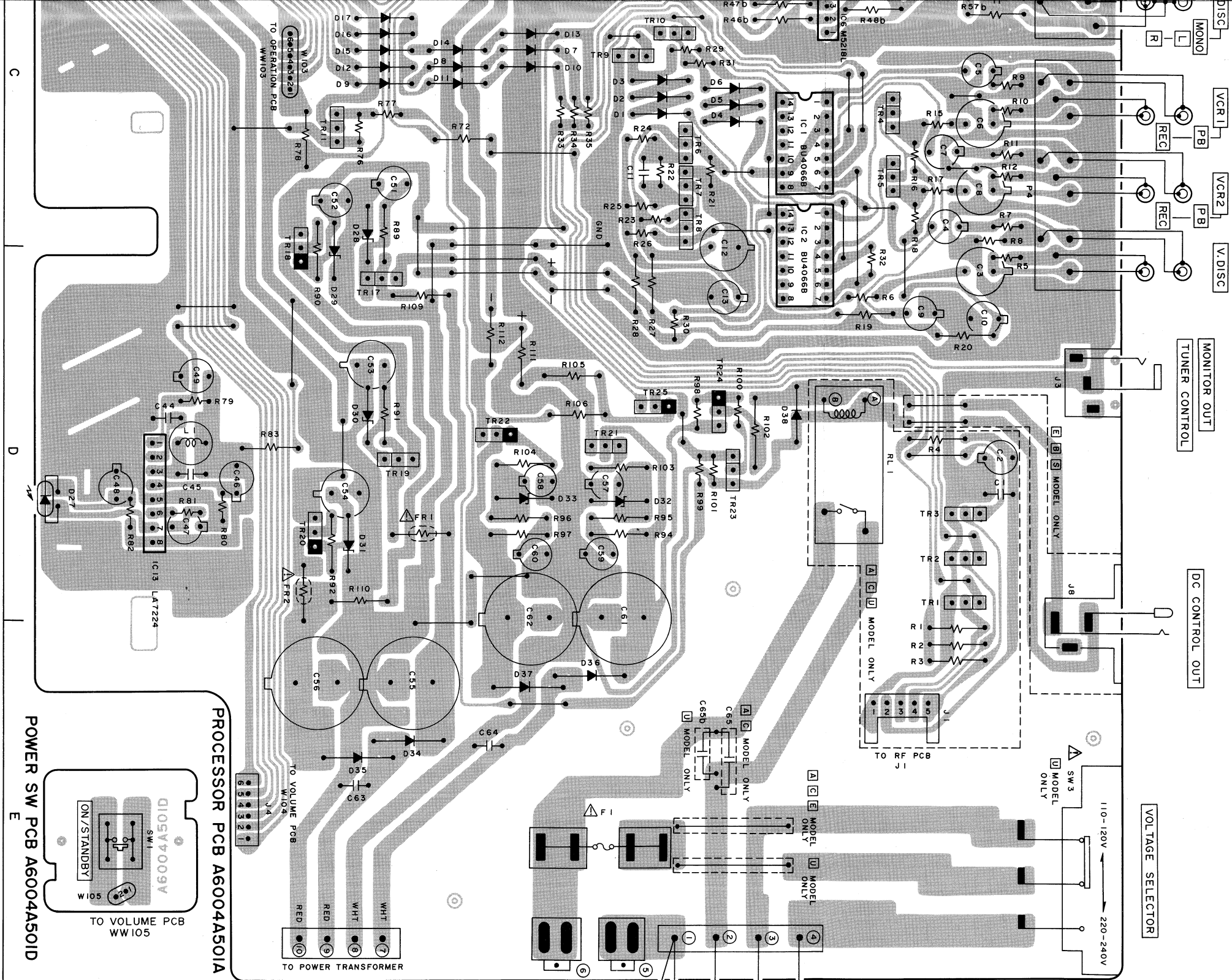
- DTC114TS
- DTC144ES
- DTA144WS
- DTA114YS
- 2SC2603
- 2SD1762
- 2SD612K
- 2SB632K
- 2SA1283
- 2SA1115
- 2S140



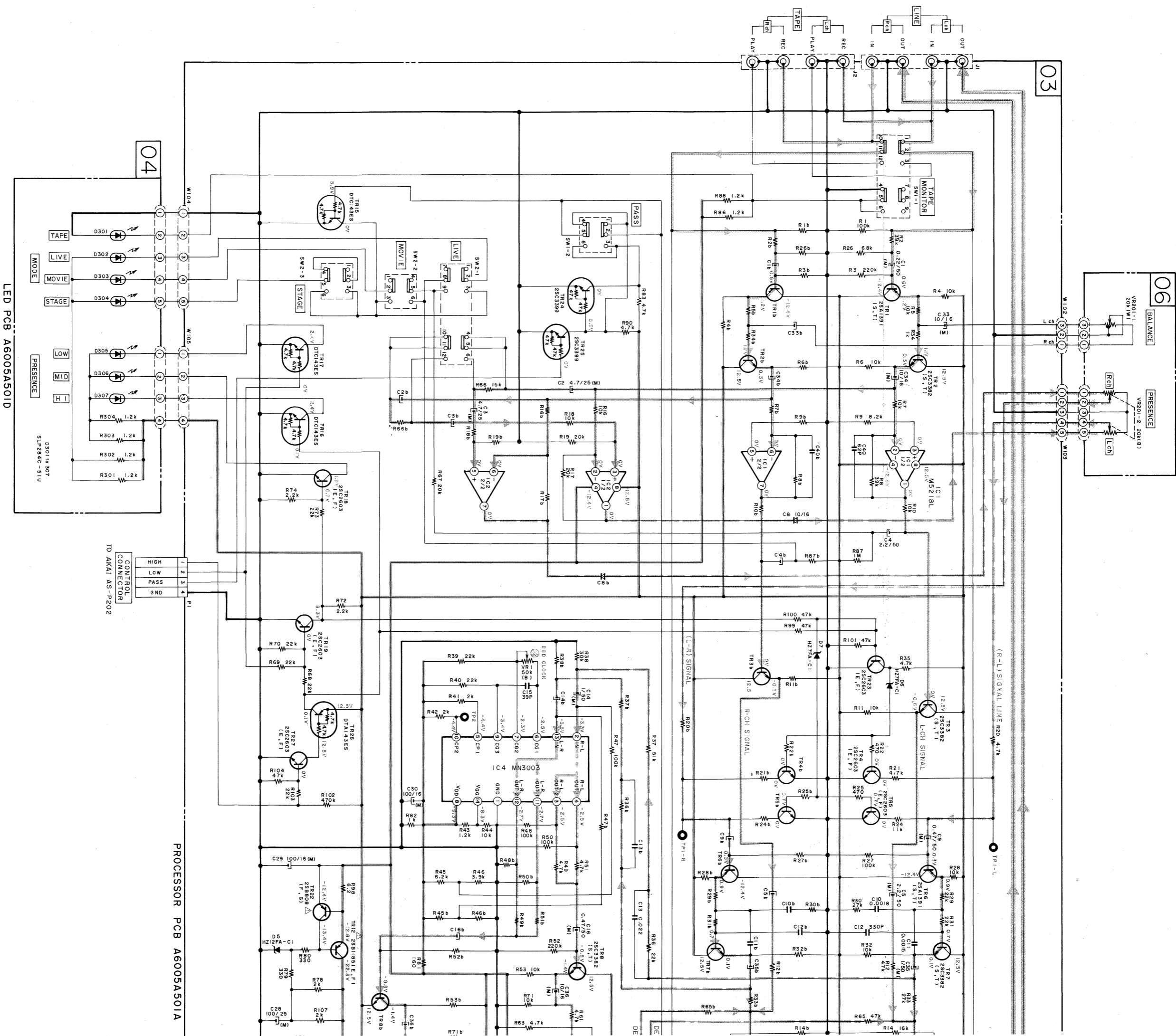
OPERATION PCB A6004A501B

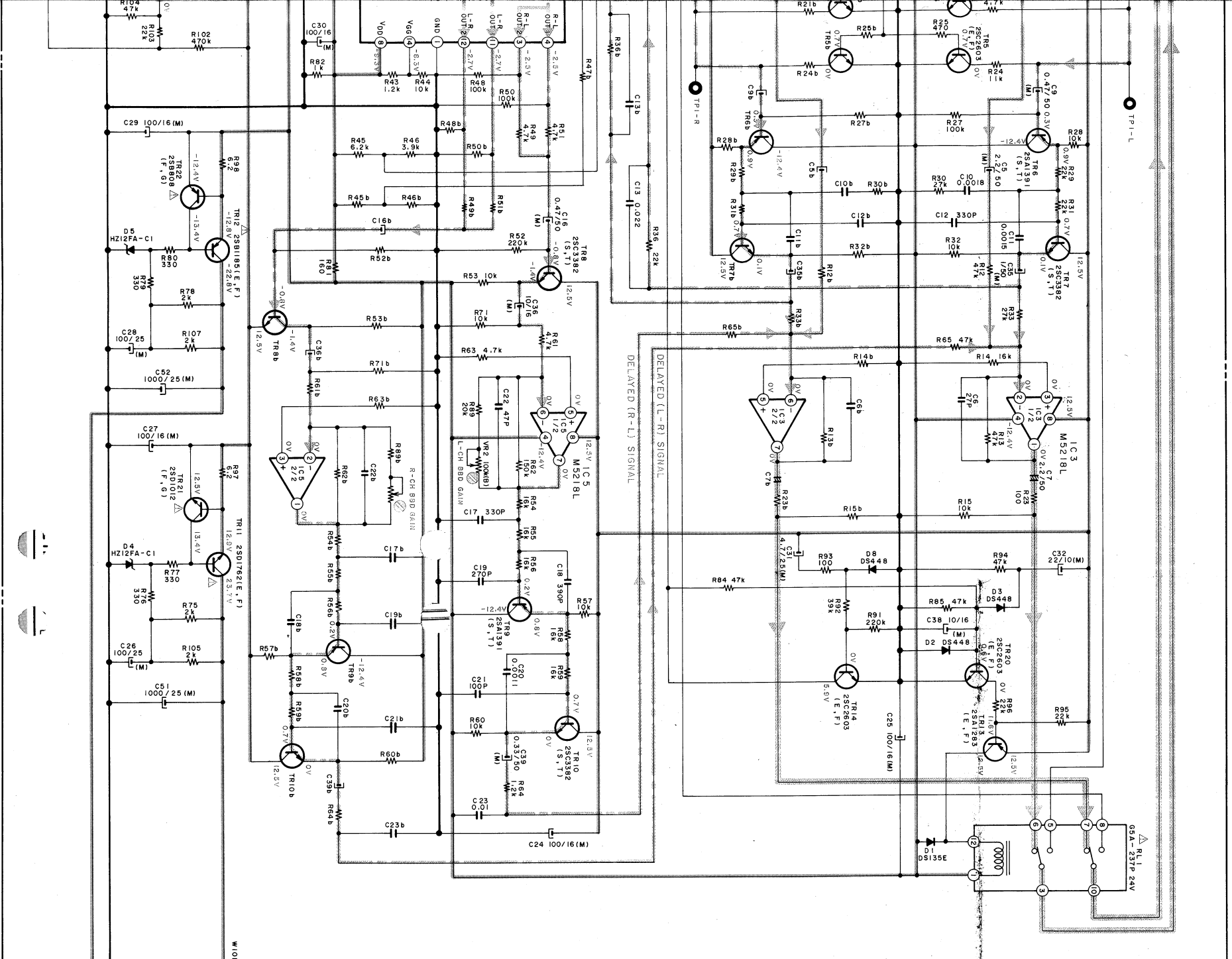
VOLUME / BAL

WARNING: INDICATES SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY.
REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S
RECOMMENDED PARTS
AVERTISSEMENT: IL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ.
POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL.
NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT

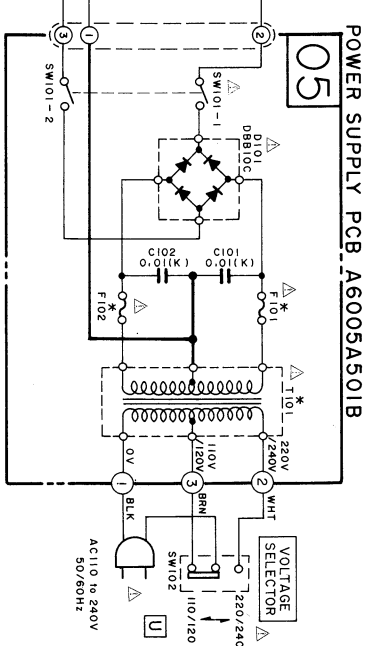
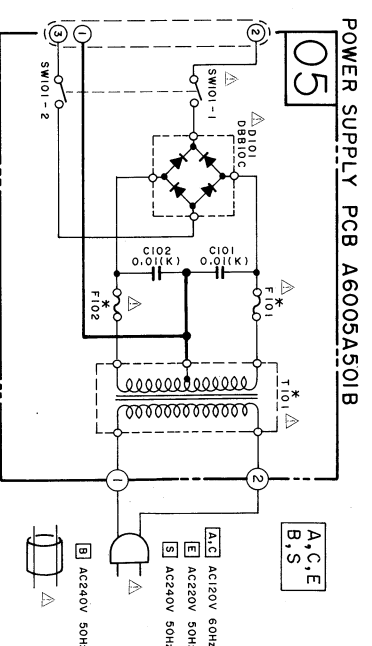


CRITICAL COMPONENTS FOR CONTINUED SAFETY.
CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S
REMARKS DE SECURITE DE L'APPAREIL.
LES PIÈCES RECOMMANDÉES PAR LE FABRICANT





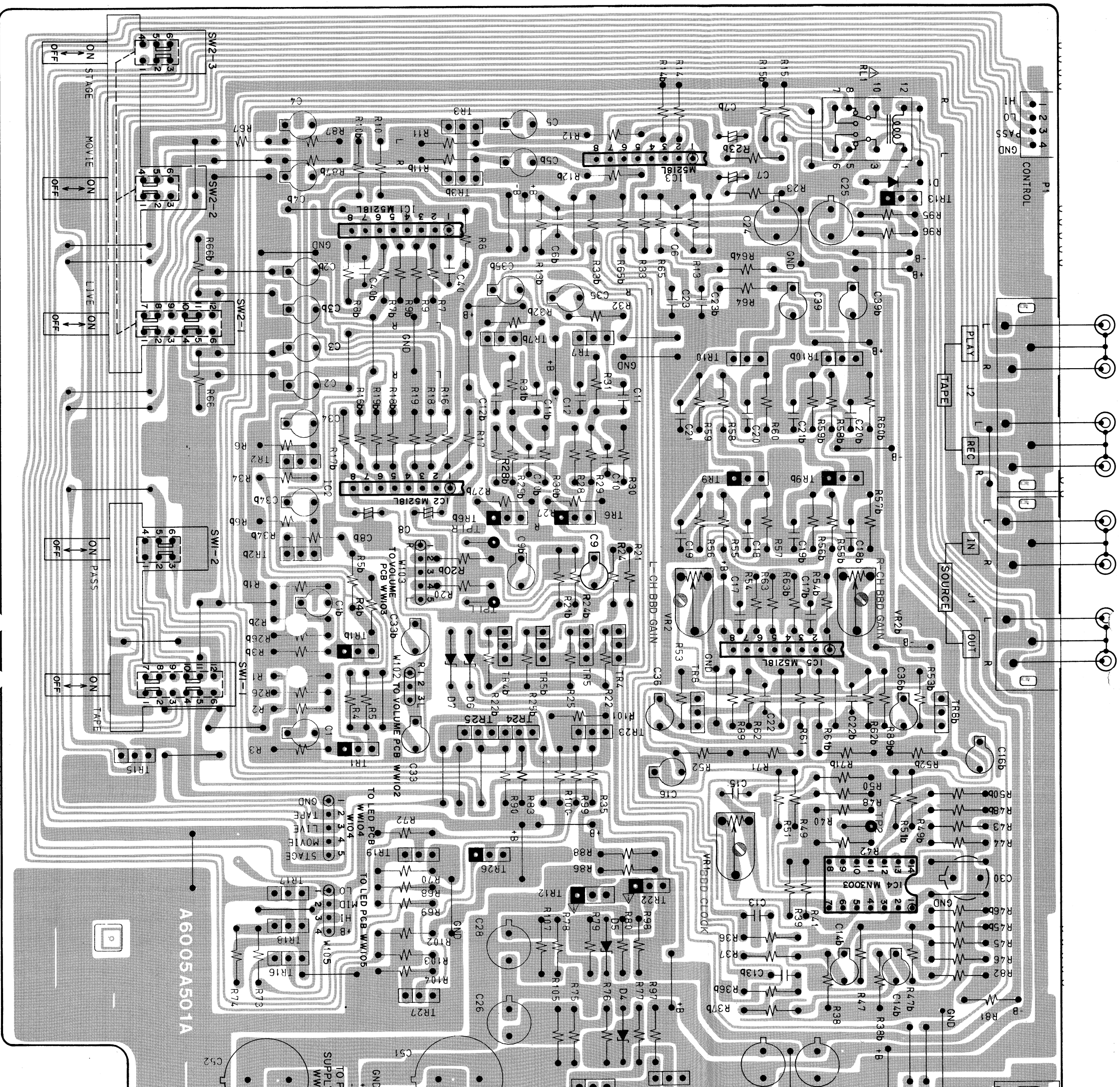
*	U	C-A	E-S-B
F101	250mA	315mA	T250mA
F102	250V	125V	250V
T101	A6005U/T	A6005C,UL	A6005E,5,8



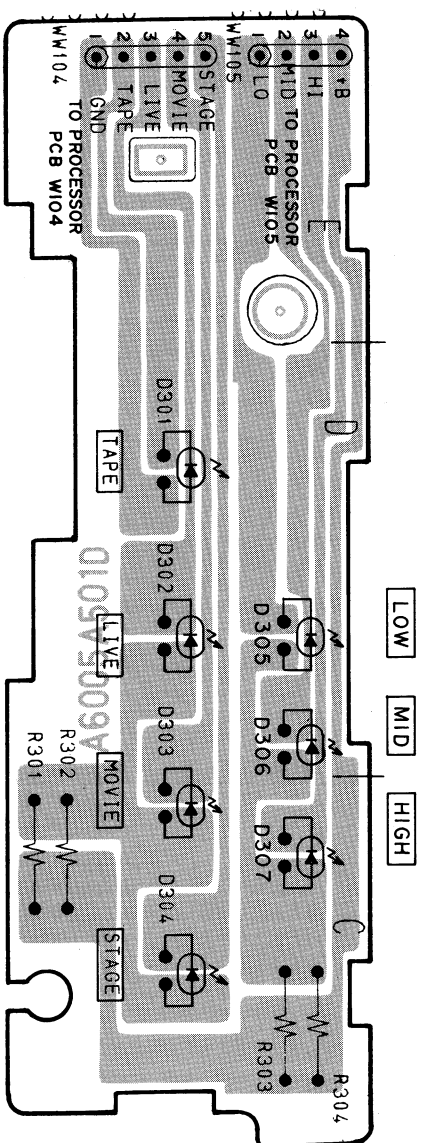
AS-P205 PROCESSOR SCHEMATIC DIAGRAM No. 860923A

WARNING: INDICATES SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY.
REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S
RECOMMENDED PARTS.
AVERTISSEMENT: INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ.
POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL.
NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT.

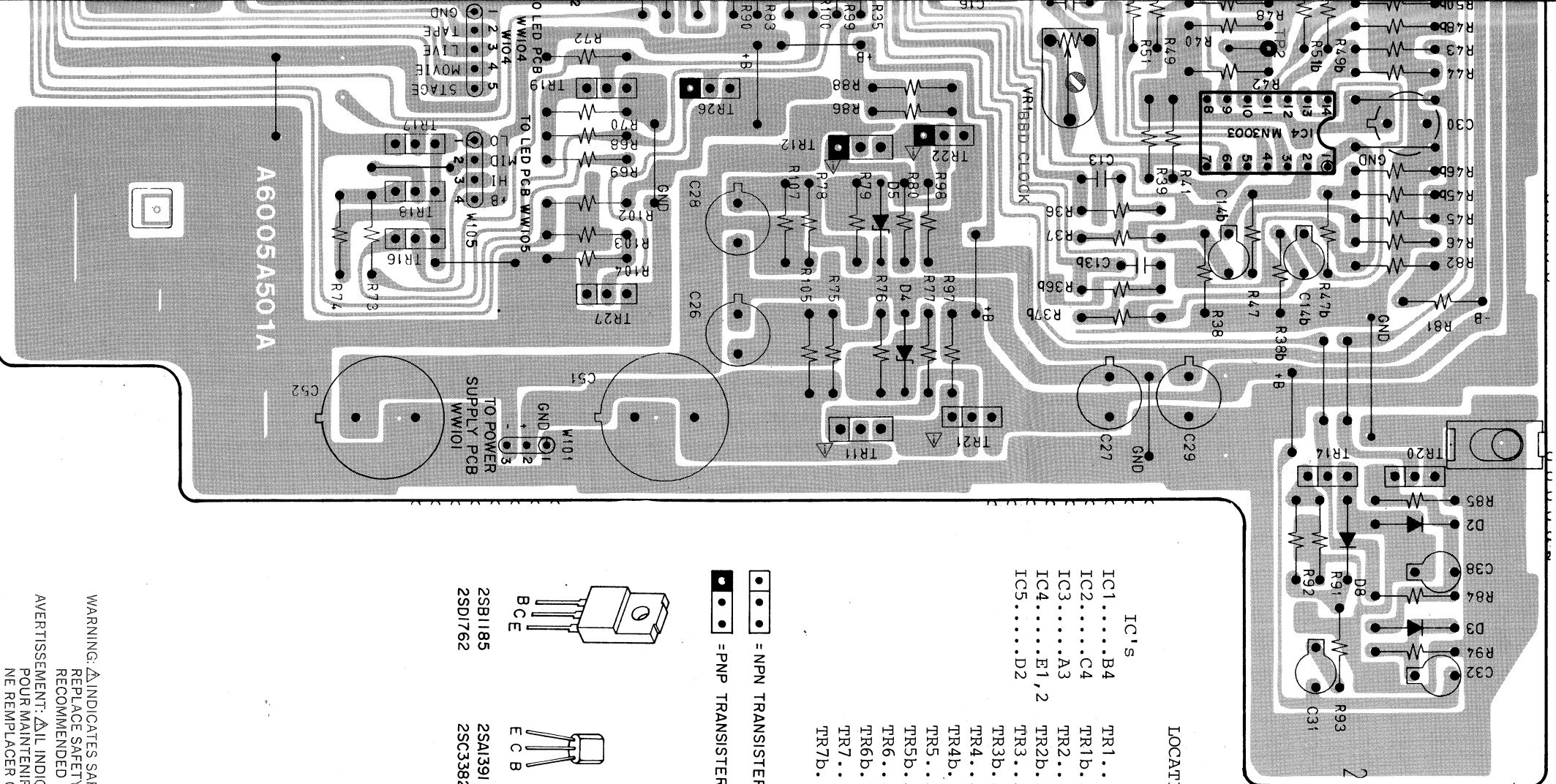
NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS (1/4W,1/2W,1W)
ALL CAPACITORS IN μF (50V,100V)
POWER TRANSFORMER IS DIFFERENT
ACCORDING TO AREA



PROCESSOR PCB A6005A501A



LED PCB A6005A501D



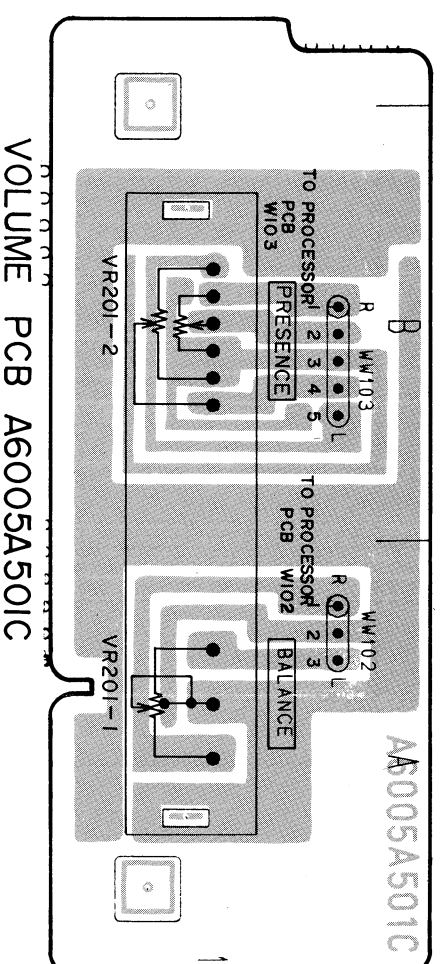
LOCATION OF COMPONENT'S

IC'S	TRANSISTOR'S
IC1.....B4	TR1.....D4
IC2.....C4	TR1b.....D4
IC3.....A3	TR2.....C5
IC4.....E1,2	TR2b.....C5
IC5.....D2	TR3.....A4
	TR3b.....A4
	TR4.....D3
	TR4b.....D4
	TR5.....D3
	TR5b.....D3
	TR6.....C3
	TR6b.....C4
	TR7.....B3
	TR7b.....B4
	TR8.....D2
	TR8b.....D1
	TR9.....C2
	TR9b.....C2
	TR10.....B2
	TR10b.....B2
	TR11.....F3
	TR12.....E3
	TR13.....A1
	TR14.....F1
	TR15.....D6
	TR16.....E5
	TR17.....E5
	TR18.....E5
	TR19.....E4
	TR20.....F1
	TR21.....F3
	TR22.....E3
	TR23.....D3
	TR24.....D3,4
	TR25.....D4
	TR26.....E4
	TR27.....E,F4

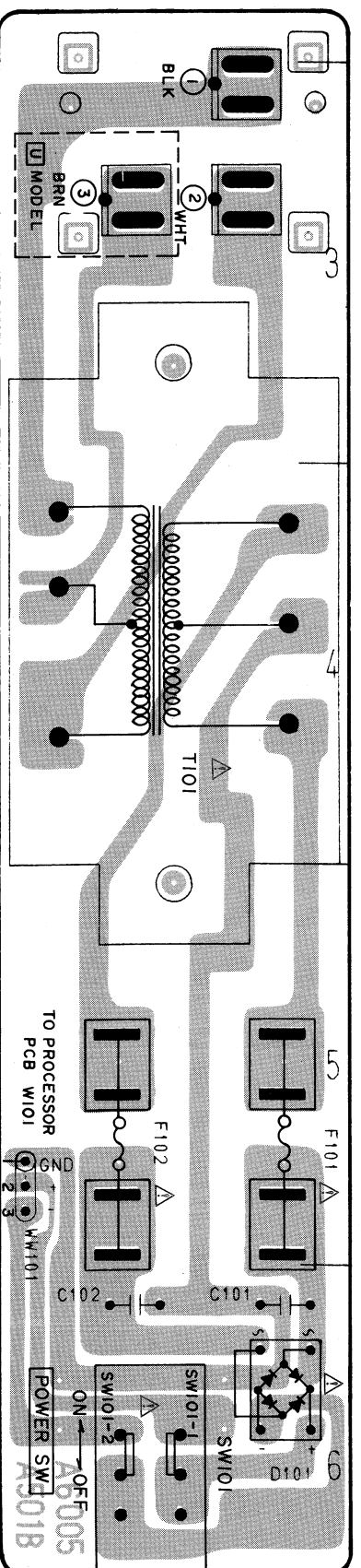
••• = NPN TRANSISTER
 ••• = PNP TRANSISTER

2SB1185 2SD1762	2SA1391 2SC3382	2SA1283	2SB808 2SC2603 2SC3399 2SD1012 DTA43ES DTA43ES
BCE	E C B	E C B	E C B

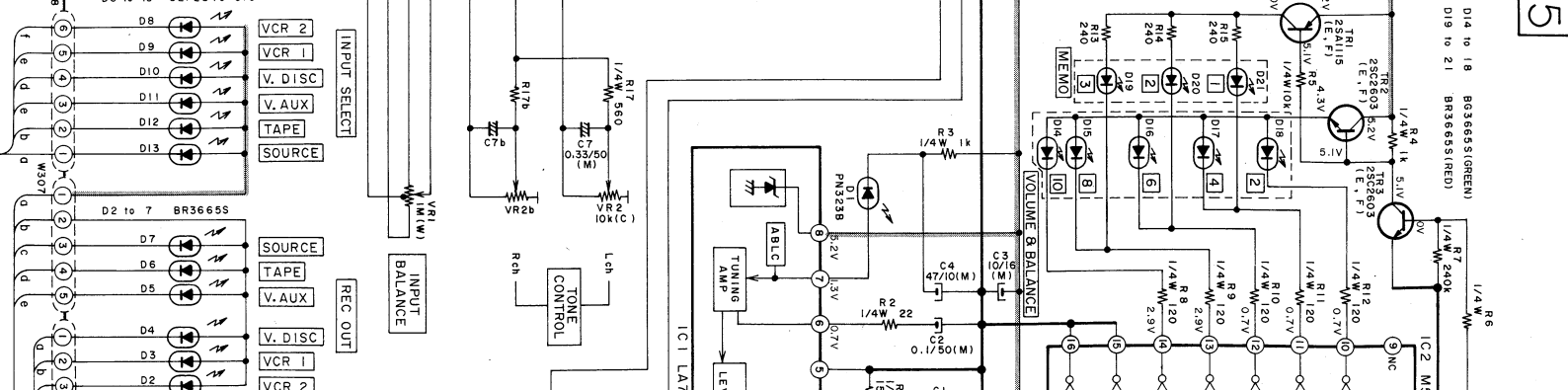
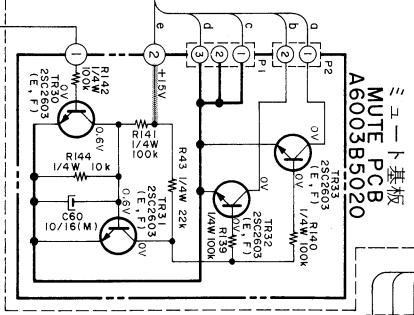
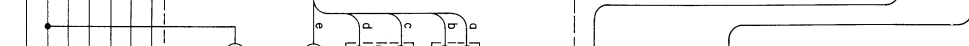
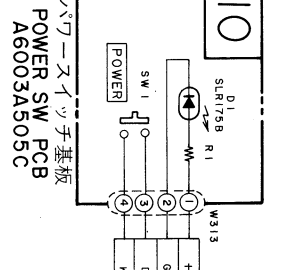
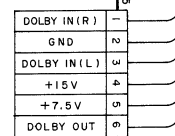
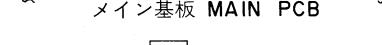
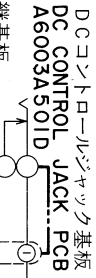
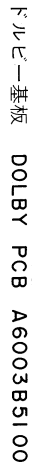
WARNING: Δ INDICATES SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY.
 REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURERS
 RECOMMENDED PARTS
 AVERTISSEMENT: Δ IL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ.
 POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL.
 NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT

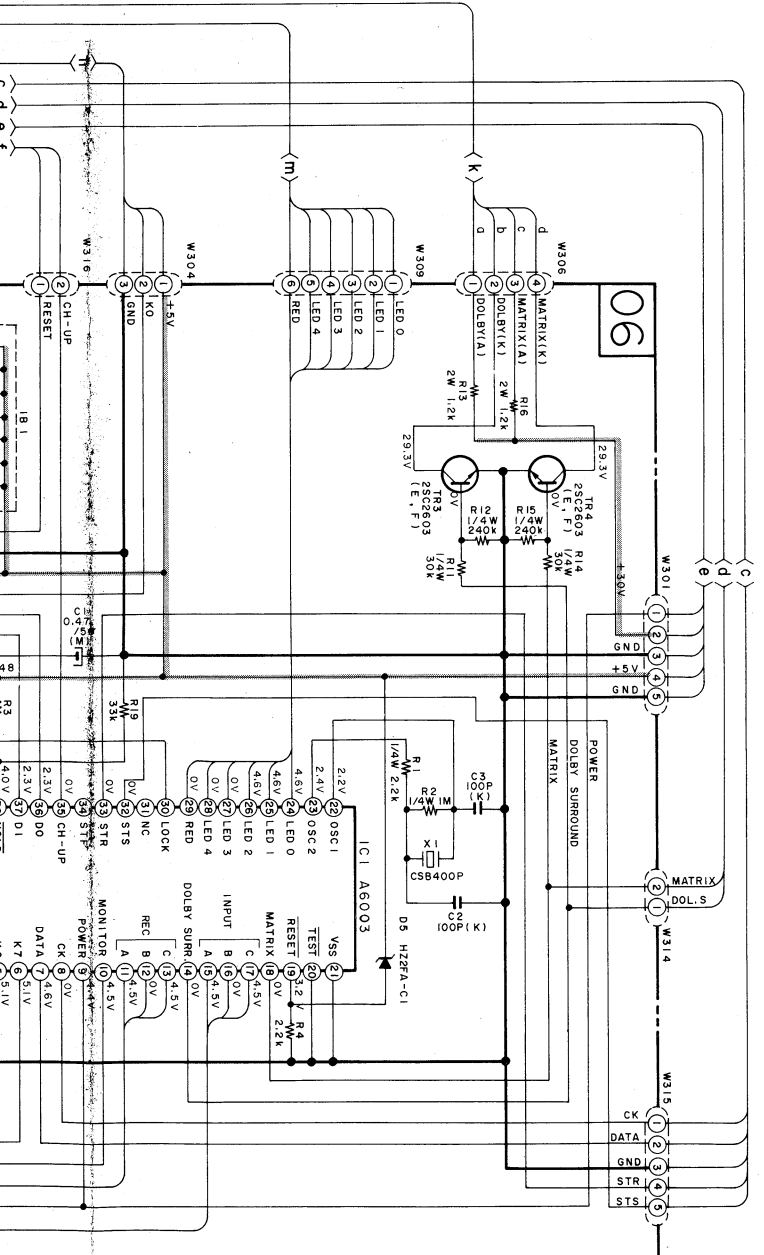
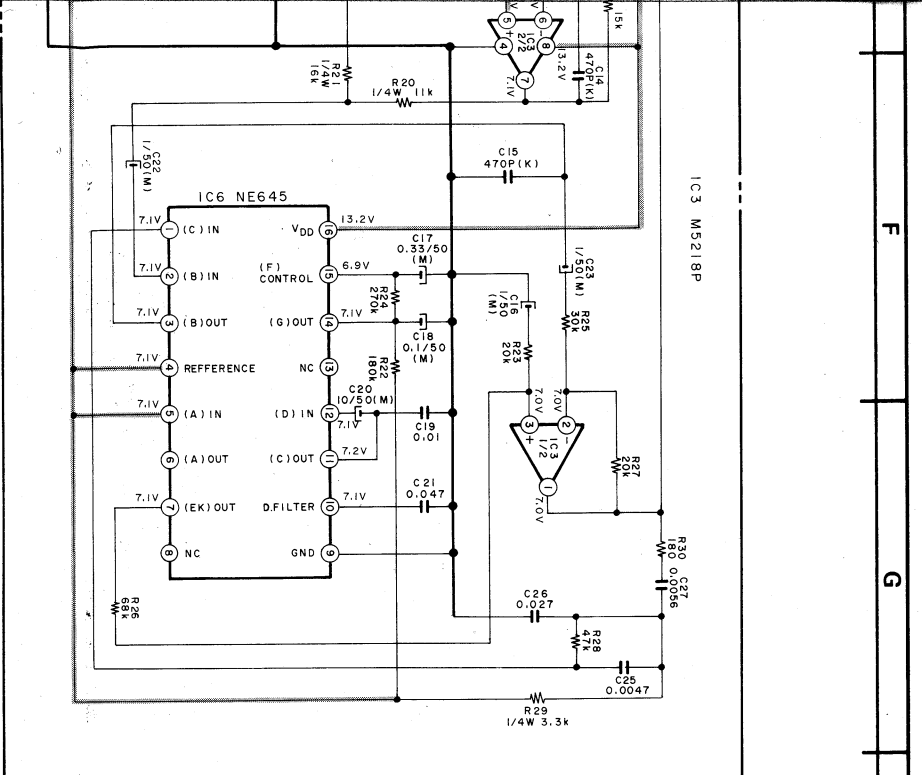


VOLUME PCB A6005A501C



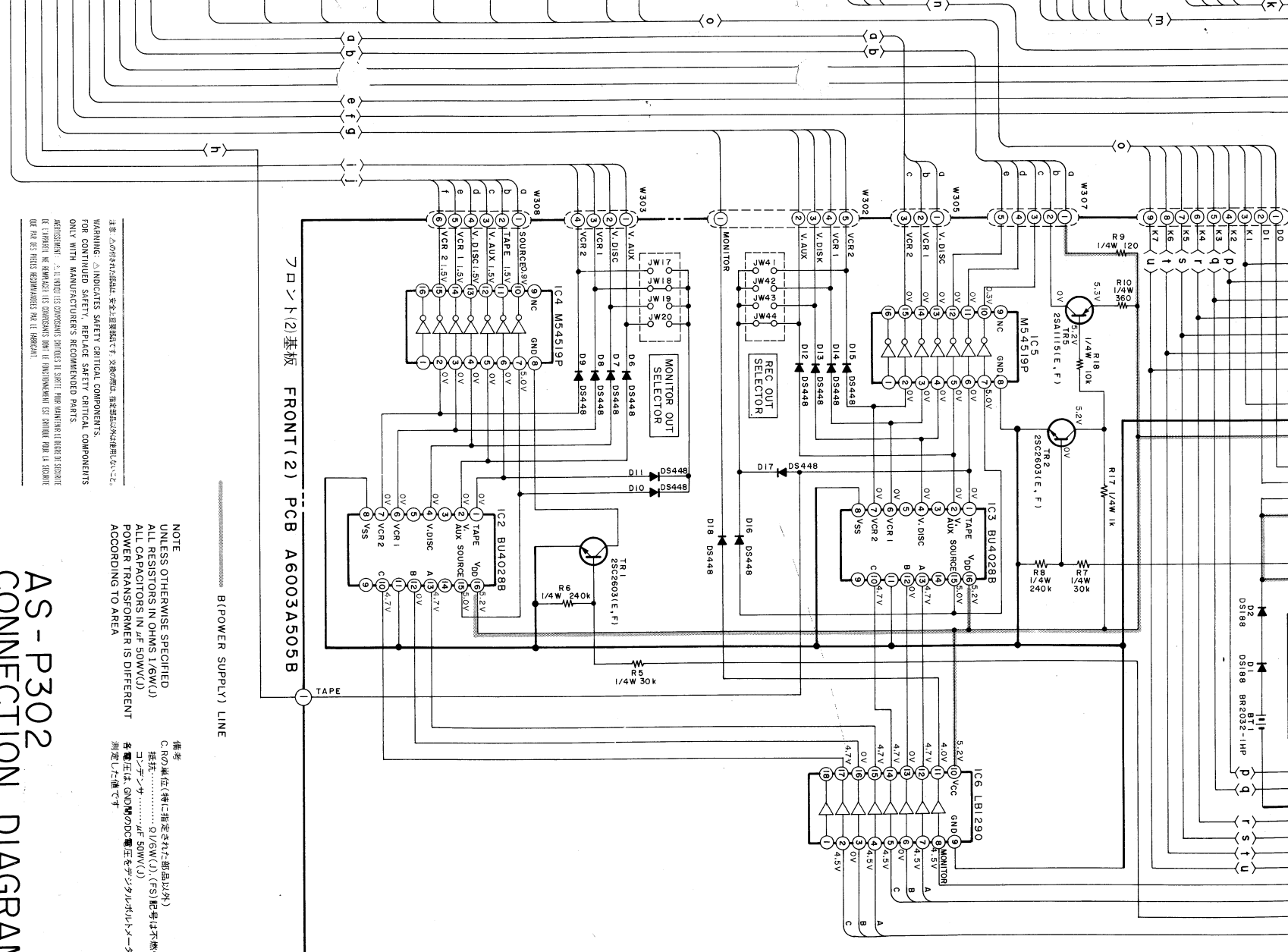
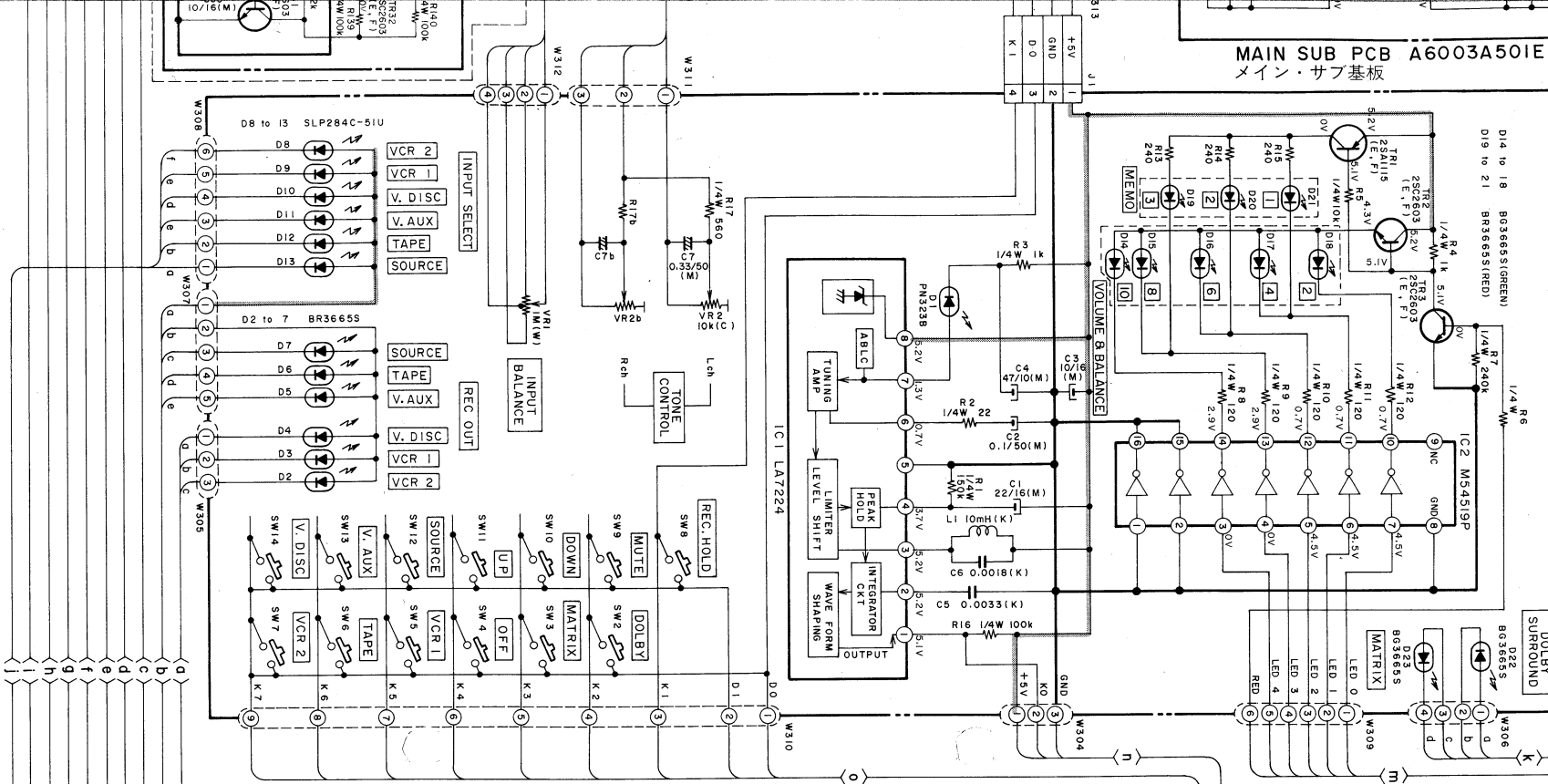
POWER SUPPLY PCB A6005A501B





フロント(1)基板 FRONT(1) PCB A6003A505A

MAIN SUB PCB A6003A501E
メイン・サブ基板

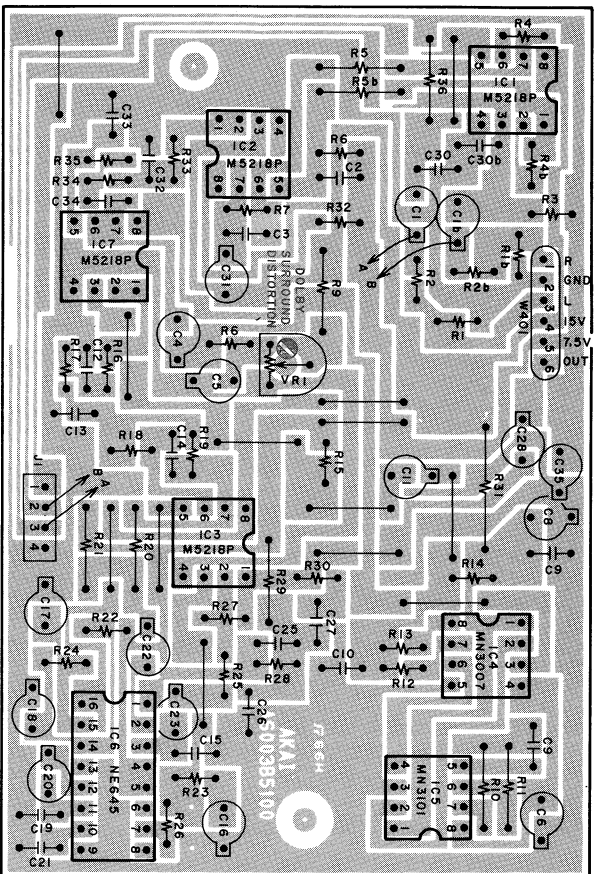


フロント(2)基板 FRONT(2) PCB A6003A505B

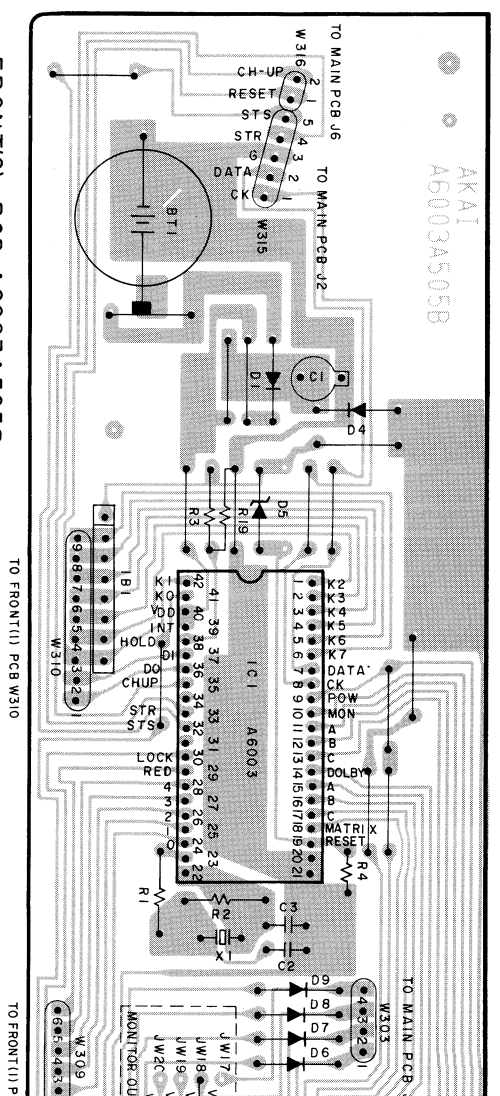
注意: △印付された部品は、安全上重要部品で、交換の際は、指定品以外は使用しないこと。
WARNING: △ INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.
ATTENTION: △, LE INDICATES COMPONENTS CRITICAL TO SAFETY FROM MAINTENANCE TO CORRECT REPAIR. ONLY THE MANUFACTURER'S RECOMMENDED PARTS SHOULD BE USED FOR REPAIR.

NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS (1/6W)
ALL CAPACITORS IN PF (50WV)
POWER TRANSFORMER IS DIFFERENT
ACCORDING TO AREA

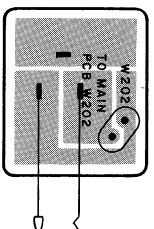
AS - P302
CONNECTION DIAGRAM
No.2-1 860919A



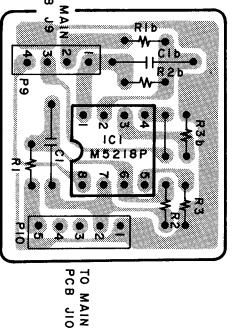
DOLBY PCB A6003B5100
ドルビー基板



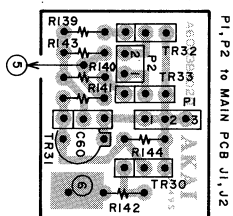
FRONT(2) PCB A6003A505B
フロント(2)基板



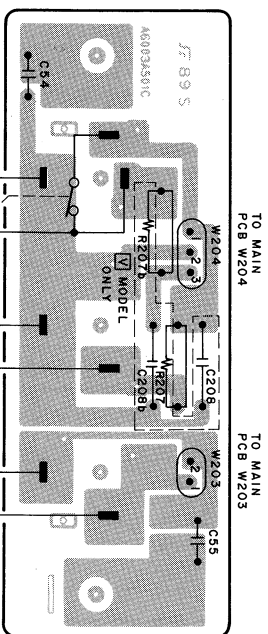
DC CONTROL PCB
A6003A501D
[E.V.B.] MODELS ONLY
DCコントロールジャック基板



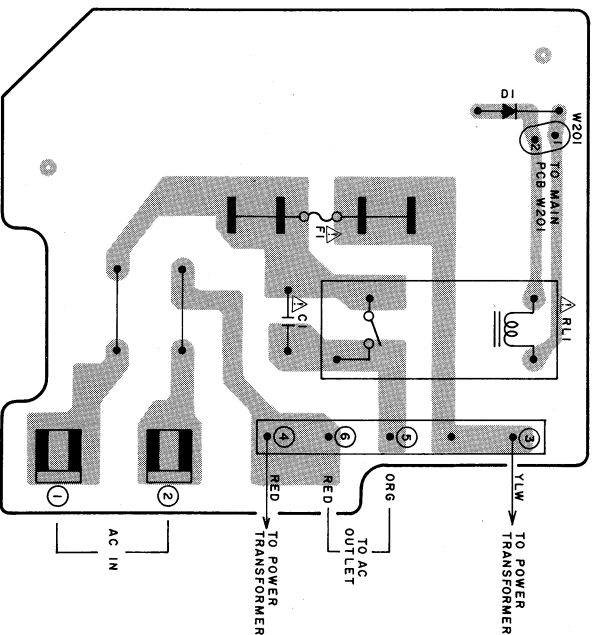
MAIN SUB PCB
A6003A501E
メイン・サブ基板



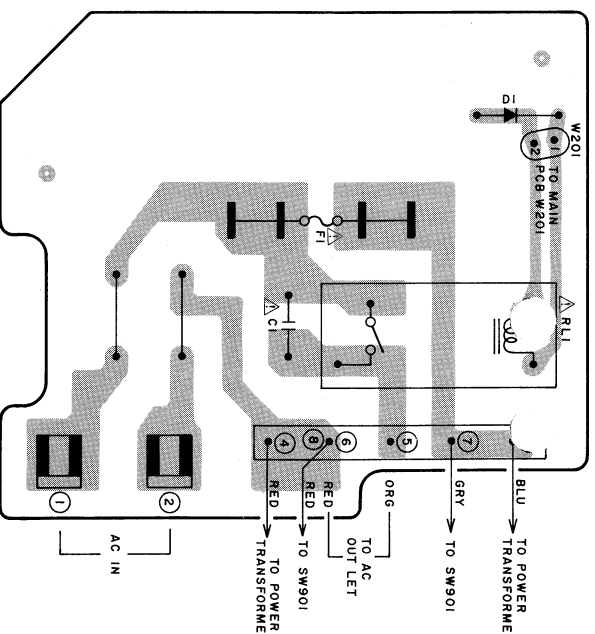
MUTE PCB
A6003A501E
ミュート基板



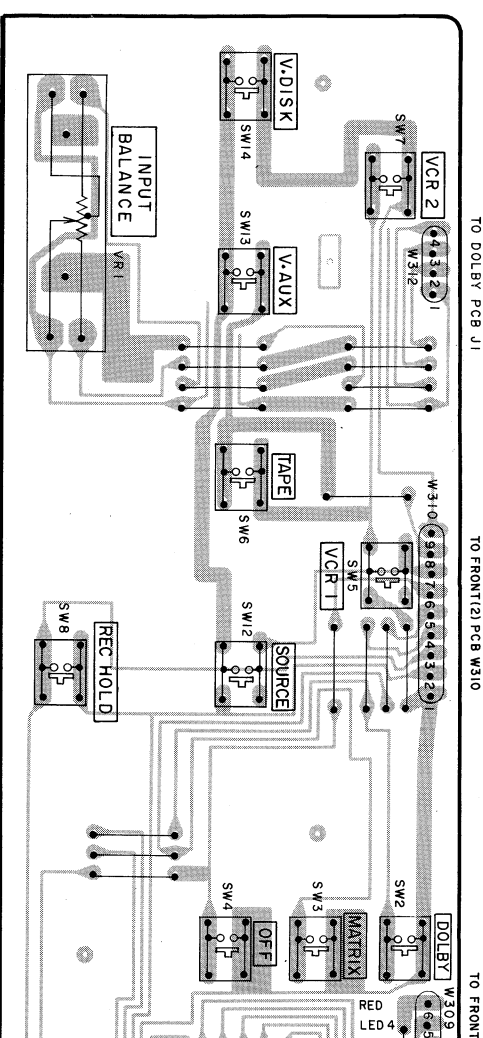
JACK PCB A6003A501C
ジャック基板



POWER JUNCTION PCB
A6003A501B [J.C.A]
電源中継基板

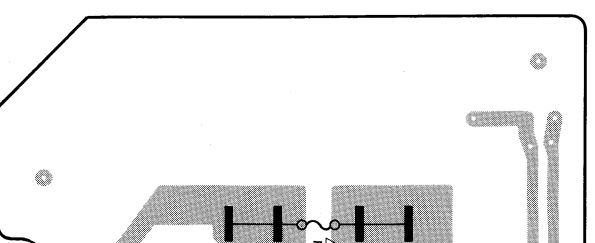


POWER JUNCTION PCB
A6003A501B [U]

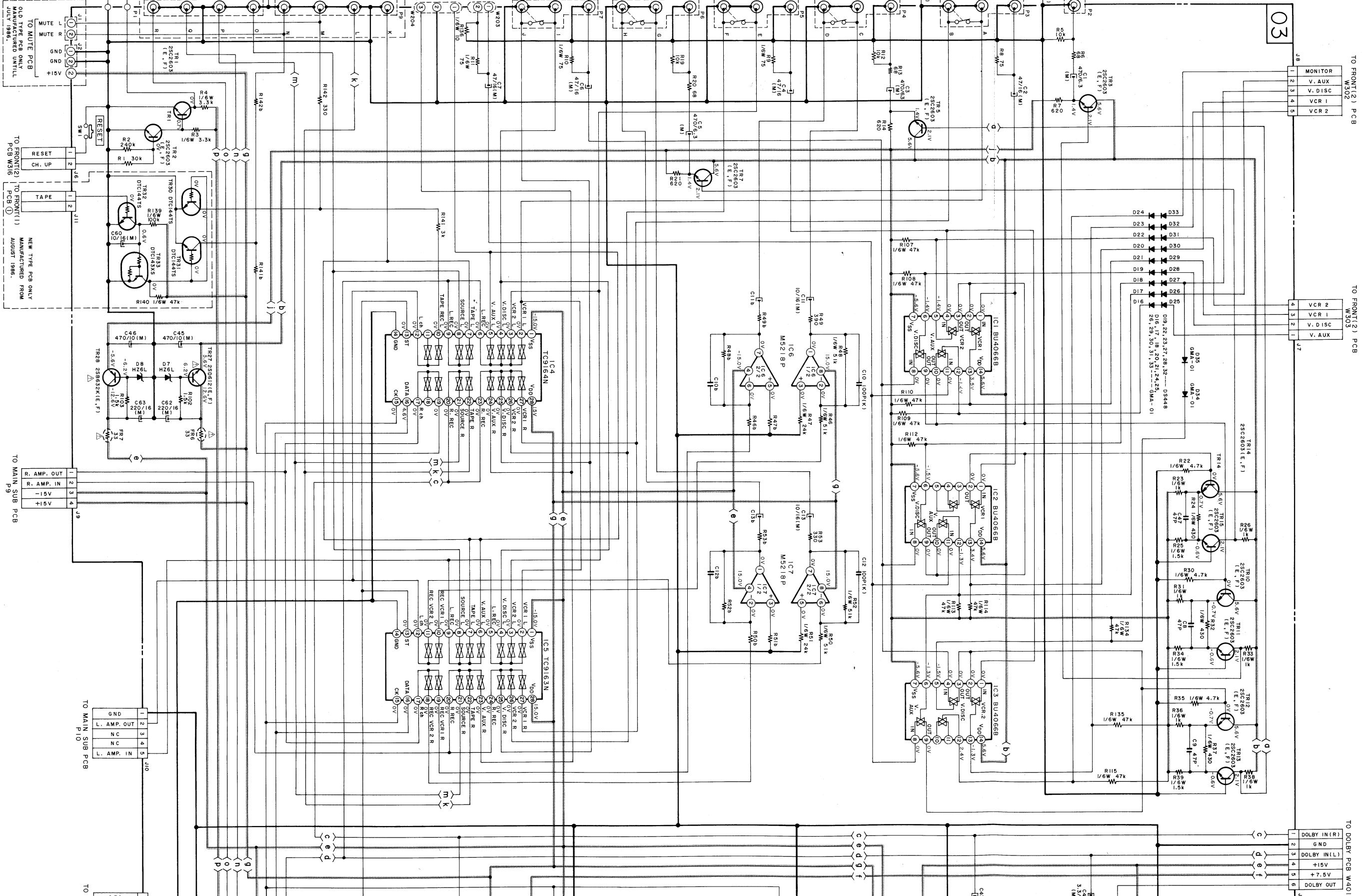


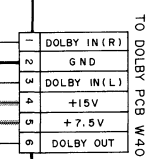
B
●●● = NPN TRANSISTOR
●●● = PNP TRANSISTOR

注意: △の付された部品は、安全上重要部品です。交換の際は、指定部品以外は使用しないこと。
WARNING: △ INDICATES SAFETY CRITICAL COMPONENTS.
FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS
ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.
AVERTISSEMENT: △ IL INDIQUE LES COMPOSANTS CRITIQUES DE SURETE POUR MAINTENIR LE DEGRE DE SECURITE
DE L'APPAREIL. NE REMPLACEZ LES COMPOSANTS DON'T LE FONCTIONNEMENT EST CRITIQUE POUR LA SECURITE
QUE PAR DES PIECES RECOMMANDEES PAR LE FABRICANT.

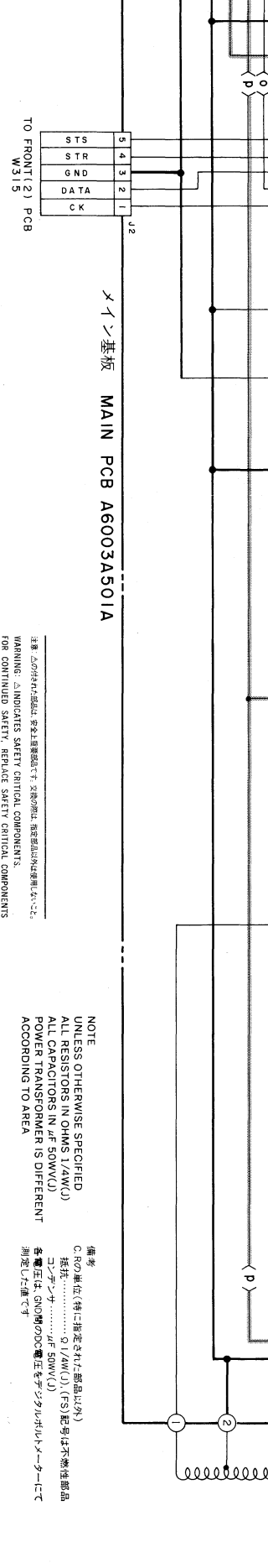
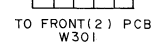
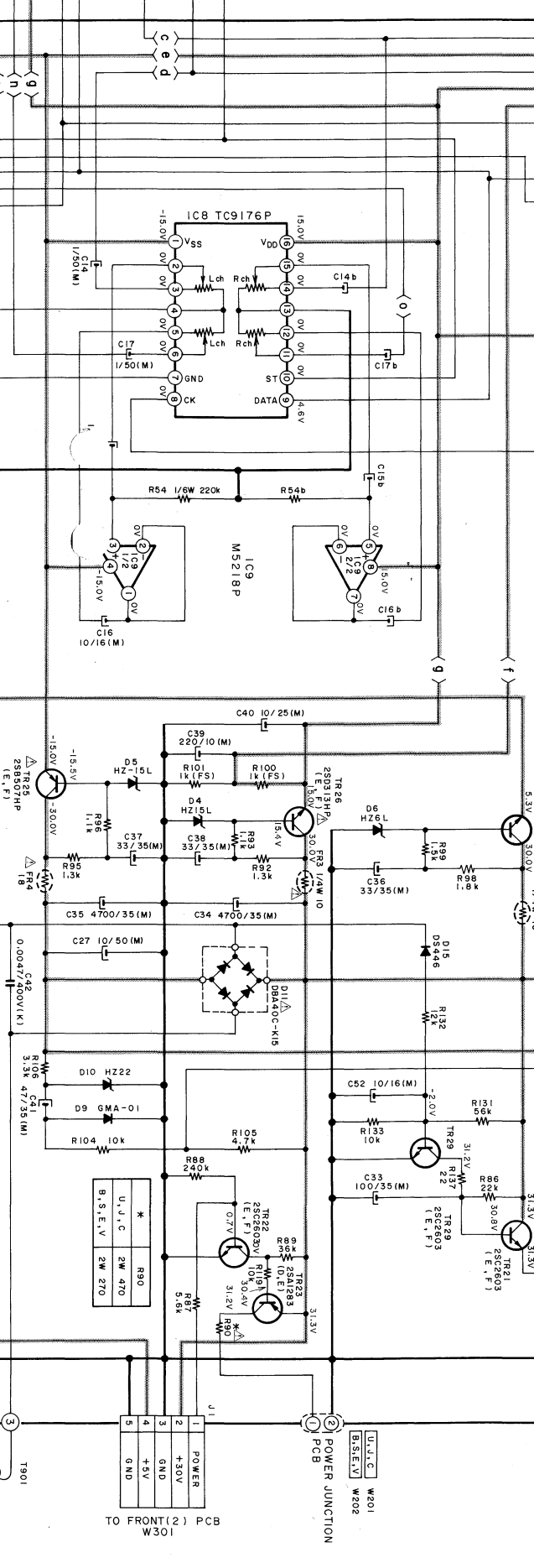
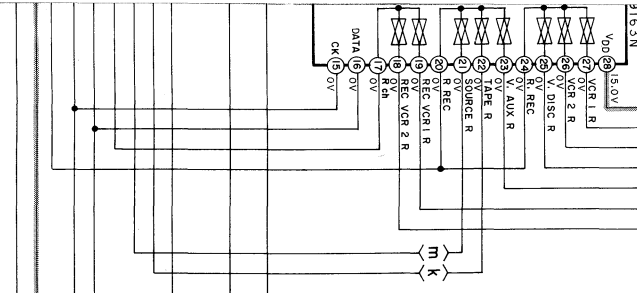
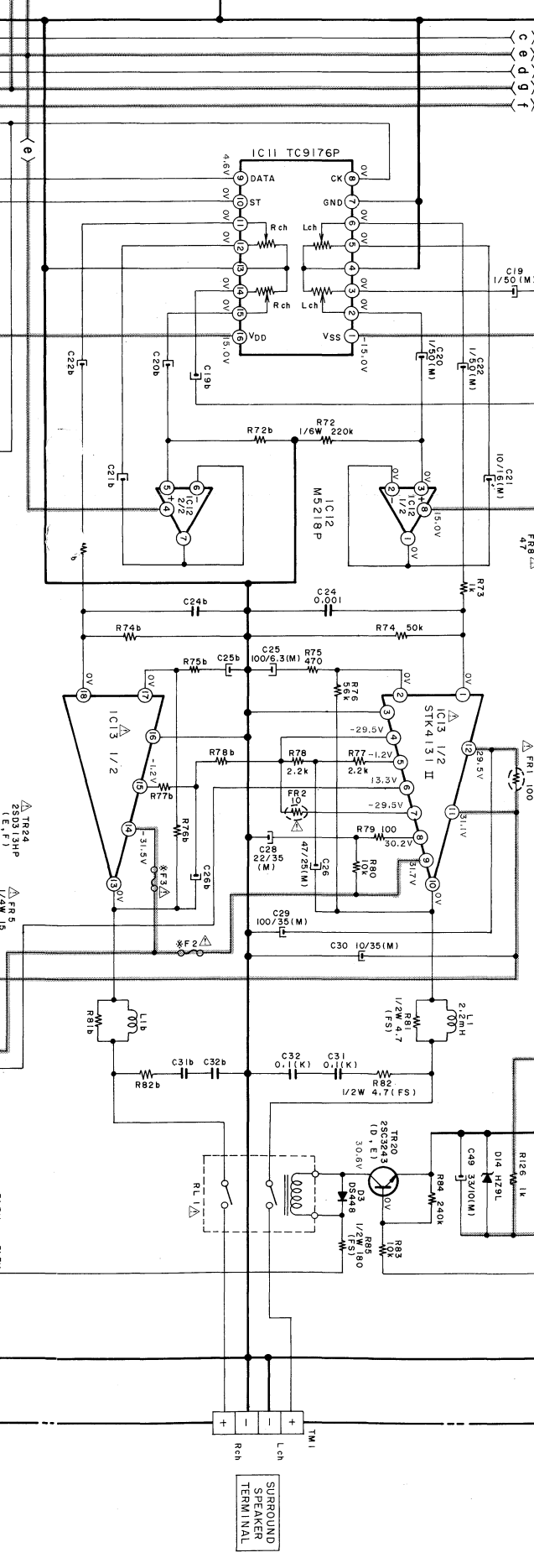
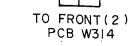
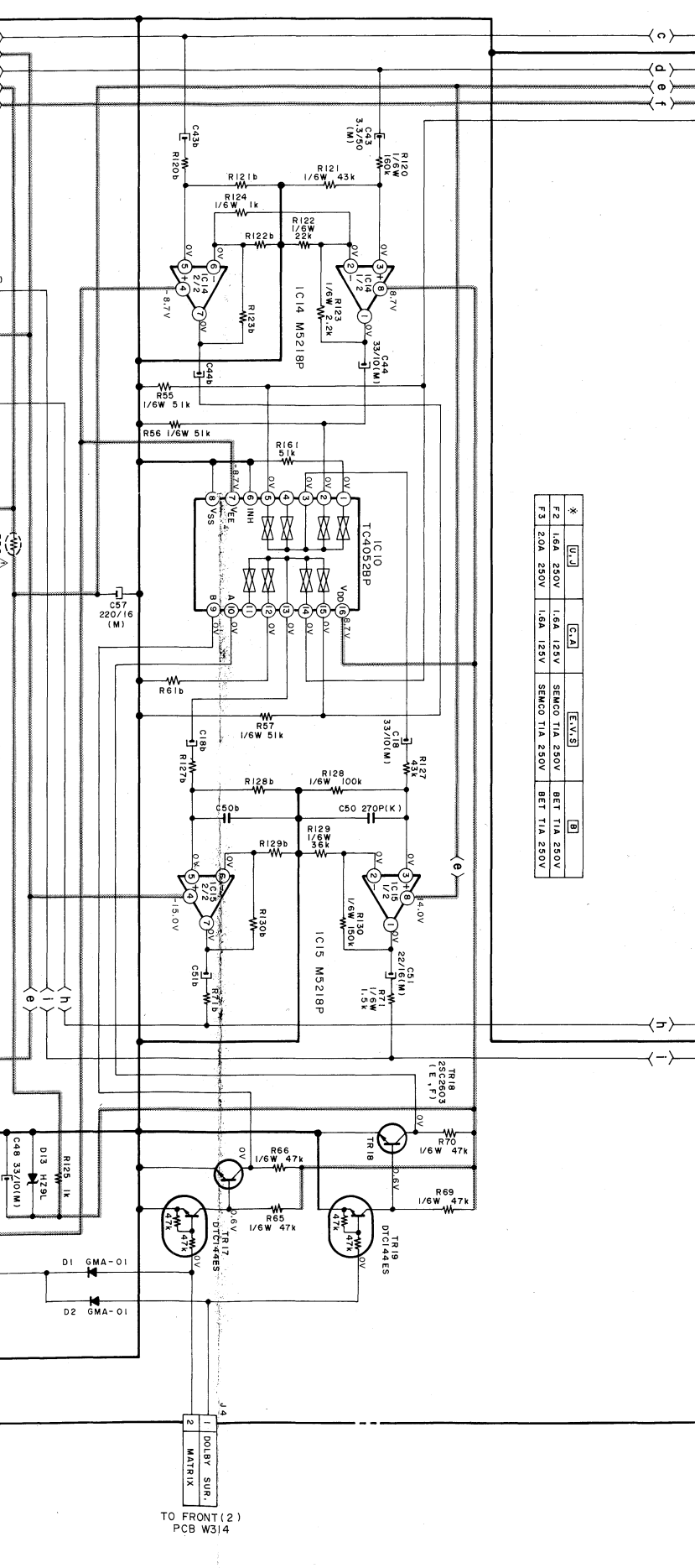
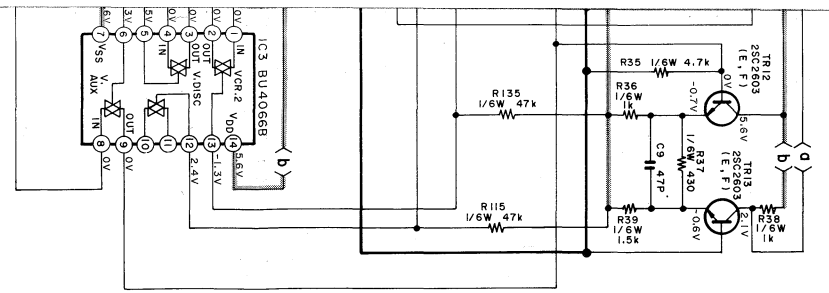
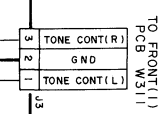


POWER JUNCTION PCB
A6003A501B [U]





	[C]	[C]	[E]/[S]	[E]
* F2	1.6A 250V	1.6A 125V	SEMCO T1A 250V	BET T1A 250V
F3	2.0A 250V	1.6A 125V	SEMCO T1A 250V	BET T1A 250V



メイン基板 MAIN PCB A6003A501A

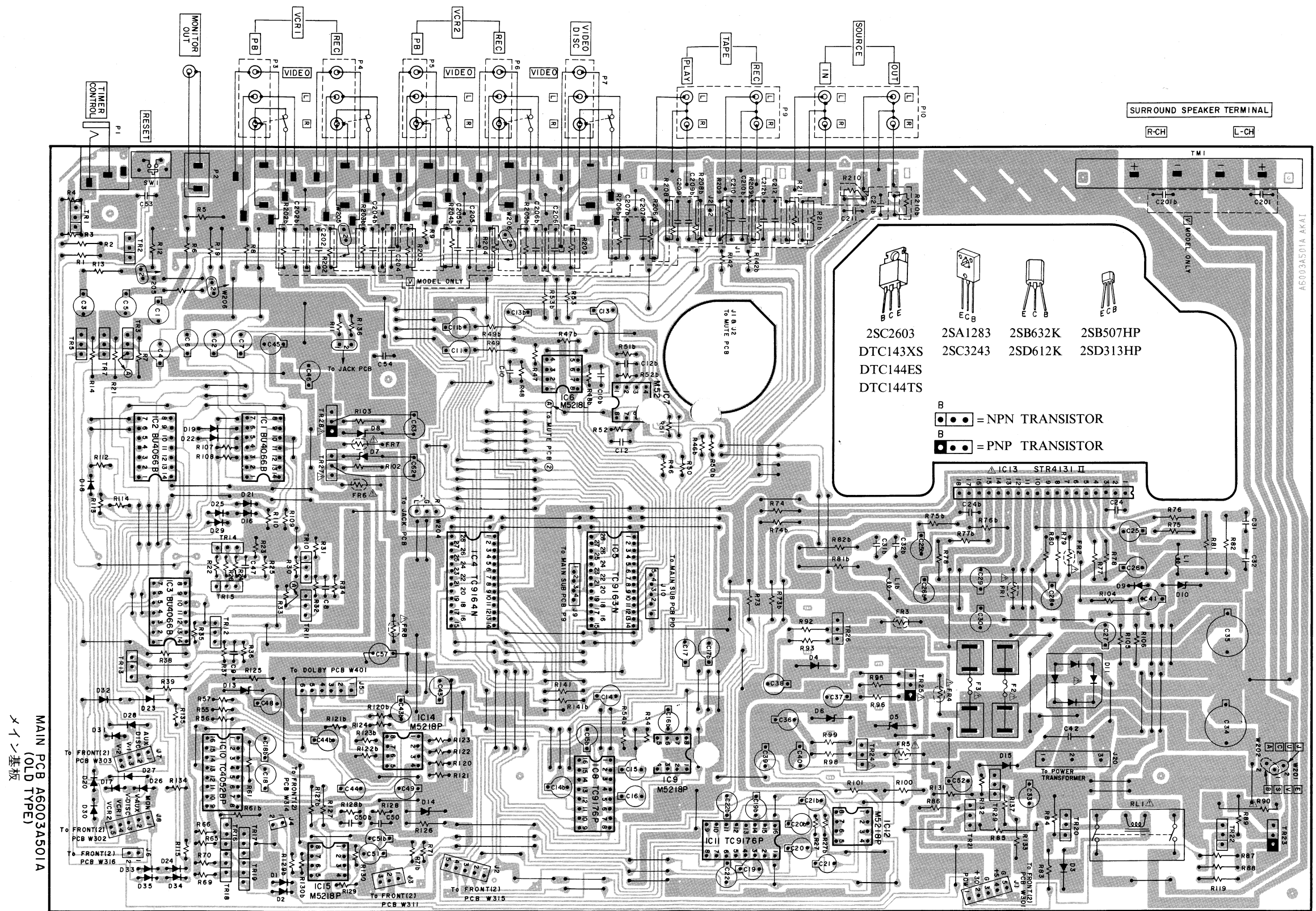
:電源 B(Power Supply) LINE

注意: 本図は、製品の安全を確保するための参考図であり、実際の製品とは異なる場合があります。
 WARNING: THIS DIAGRAM IS FOR REFERENCE ONLY. THE ACTUAL PRODUCT MAY DIFFER.
 FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.
 REPLACEMENT OF ALL OTHER COMPONENTS SHOULD BE MADE IN ACCORDANCE WITH THE REPAIR MANUAL.
 THE REPAIR MANUAL IS AVAILABLE FROM THE MANUFACTURER.

NOTE
 UNLESS OTHERWISE SPECIFIED
 ALL RESISTORS IN OHMS (1/4W/J)
 ALL CAPACITORS IN μF (50WV/J)
 POWER TRANSFORMER IS DIFFERENT
 ACCORDING TO AREA

備考
 Cの単位(特に指定された部品以外)
 抵抗:Ω (1/4W/J), (FS) 記号は不燃性部品
 コンデンサ:μF (50WV/J)
 各電圧は、GND(0V)電圧を基準として示されています。

AS-P302 MAIN SCHEMATIC DIAGRAM No.2-2 860920A



LOCATION OF COMPONENTS

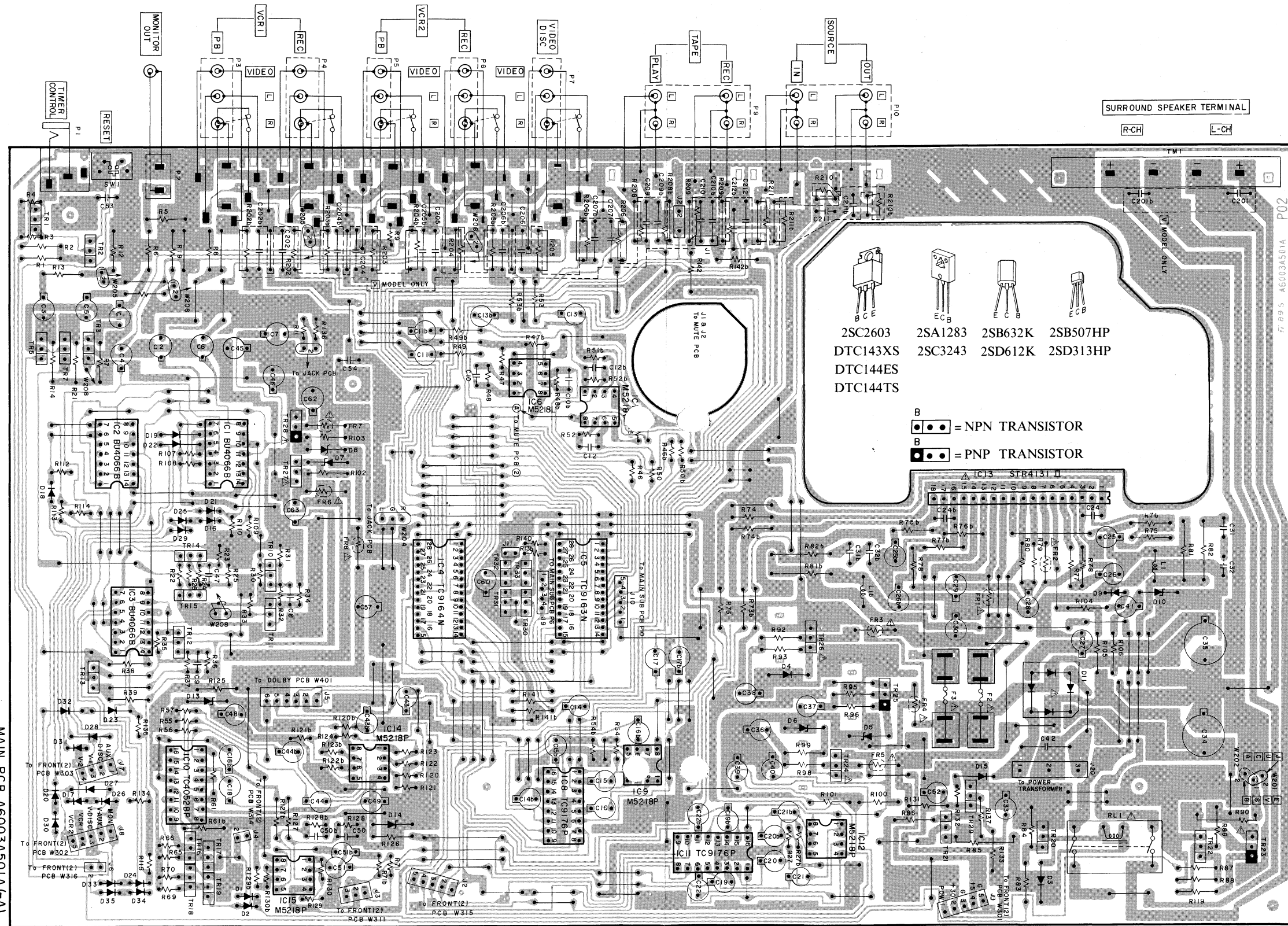
IC'S	CONNECTOR'S	TRANSISTOR'S	
IC 1.....B5	J 1.....D2	TR 1.....A5	TR20.....D1
IC 2.....B5	J 2.....D4	TR 2.....A5	TR21.....D2
IC 3.....C5	J 3.....D4	TR 3.....A,B5	TR22.....D1
IC 4.....C4	J 4.....D5	TR 5.....A,B5	TR23.....D1
IC 5.....C3	J 5.....C4,5	TR 7.....A,B5	TR24.....D2
IC 6.....B3,B4	J 6.....D5	TR10.....C4	TR25.....C2
IC 7.....B3	J 7.....D5	TR11.....C4	TR26.....B2
IC 8.....D3	J 8.....D5	TR12.....C5	TR27.....B4
IC 9.....D3	J 9.....C3	TR13.....C5	TR28.....B4
IC10.....D5	J10.....C3	TR14.....C5	TR29.....D2
IC11.....D3	J11.....C4	TR15.....C5	TR30.....C4
IC12.....D2		TR16.....D5	TR31.....C4
IC13.....B1,B2		TR17.....D5	TR32.....C4
IC14.....D4		TR18.....D5	TR33.....C4
IC15.....D4		TR19.....D5	

注意: △の付された部品は、安全上重要部品です。交換の際は、指定部品以外は使用しないこと。

**WARNING: Δ INDICATES SAFETY CRITICAL COMPONENTS.
FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS
ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.**

AVERTISSEMENT: IL INDIQUE LES COMPOSANTS CRITIQUES DE SURETE. POUR MAINTENIR LE DEGRE DE SECURITE DE L'APPAREIL NE REMPLACER LES COMPOSANTS DONT LE FONCTIONNEMENT EST CRITIQUE POUR LA SECURITE QUE PAR DES PIECES RECOMMANDEES PAR LE FABRICANT.

MAIN PCB A6003A501A(A)
(NEW TYPE)
メイン基板



LOCATION OF COMPONENTS

IC'S	CONNECTOR'S	TRANSISTOR'S
IC 1.....B5	J 1.....D2	TR 1.....A5
IC 2.....B5	J 2.....D4	TR 2.....A5
IC 3.....C5	J 3.....D4	TR 3.....A,B5
IC 4.....C4	J 4.....D5	TR 5.....A,B5
IC 5.....C3	J 5.....C4,5	TR 7.....A,B5
IC 6.....B3,4	J 6.....D5	TR 10.....C4
IC 7.....B3	J 7.....D5	TR 11.....C4
IC 8.....D3	J 8.....D5	TR 12.....C5
IC 9.....D3	J 9.....C3	TR 13.....C5
IC 10.....D5	J 10.....C3	TR 14.....C5
IC 11.....D3	J 11.....C4	TR 15.....C5
IC 12.....D2		TR 16.....D5
IC 13.....B1,2		TR 17.....D5
IC 14.....D4		TR 18.....D5
IC 15.....D4		TR 19.....D5

注意: △の付された部品は、安全上重要部品です。交換の際は、指定部品以外は使用しないこと。

WARNING: △ INDICATES SAFETY CRITICAL COMPONENTS.
FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS
ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.

AVERTISSEMENT: △ IL INDIQUE LES COMPOSANTS CRITIQUES DE SURETE. POUR MAINTENIR LE DEGRE DE SECURITE
DE L'APPAREIL, NE REMPLACER LES COMPOSANTS DONT LE FONCTIONNEMENT EST CRITIQUE POUR LA SECURITE
QUE PAR DES PIECES RECOMMANDEES PAR LE FABRICANT.